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Asendatud või tühistatud Eesti standardid

Algupäraste standardite koostamine ja ülevaatus

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UUED STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 18007-1:2024

Electromagnetic pulse welding - Part 1: Welding knowledge, terminology and vocabulary

This document defines terms and definitions related to the electromagnetic pulse welding process. In this document, the term “aluminium” refers to aluminium and its alloys.

Keel: en
Alusdokumendid: EN 18007-1:2024

EVS-EN ISO 24478:2024

Railway applications - Braking - General vocabulary (ISO 24478:2023, including corrected version 2024-04)

This document defines terms for brakes and braking in rolling stock.

Keel: en
Alusdokumendid: ISO 24478:2023; EN ISO 24478:2024
Asendab dokumenti: EVS-EN 14478:2017

03 TEENUSED. ETTEVÕTTE ORGANISEERIMINE, JUHTIMINE JA KVALITEET. HALDUS. TRANSPORT. SOTSIOLOOGIA

EVS-EN IEC 60300-1:2024

Dependability management - Part 1: Managing dependability

IEC 60300-1:2024 provides guidance on: - the meaning and significance of dependability from a business, technical and financial perspective; - achieving dependability through suitable adaptation of organizational management systems such as those described in ISO 9001 (quality management) and ISO 55001 (asset management); - the activities that are integrated into management systems and life cycle processes in order to achieve dependable systems, products and services; - planning and implementing dependability activities throughout the life cycle to achieve and assure required outcomes, taking into account factors such as costs, safety, the environment, customer goodwill, brand and reputation. This document is applicable to any type of system, both new and existing, to mass produced industrial or consumer products, to components and to services. This document addresses all elements of systems, products and services including hardware, software, data, processes, procedures, facilities, materials, and personnel required for operations and support.

Keel: en
Alusdokumendid: IEC 60300-1:2024; EN IEC 60300-1:2024
Asendab dokumenti: EVS-EN 60300-1:2014

11 TERVISEHOOLDUS

CWA 18130:2024

Standardized scaffolds library for tissue engineering research and industrial applications

This document defines a set of geometries for additively manufactured tissue engineering scaffolds conceived for being printed employing all the standard families of additive manufacturing technologies according to the standards EN ISO 17296-2:2016 and EN ISO/ASTM 52900:2021. This document provides a systematic engineering design and selection methodology for additively manufactured tissue engineering scaffold. Methods for their methodical testing and comparison, to take account of the processable materials properties and features of the AMTs employed for their creation and to verify their effects on final results, are provided. Accordingly, this document is intended to be of interest for tissue engineering scaffolds designers and manufacturers, for designers and manufacturers of scaffold-inspired implants and for healthcare professionals in the fields of tissue engineering, regenerative medicine and biofabrication.

Keel: en
Alusdokumendid: CWA 18130:2024

CWA 18131:2024

Workflow from medical images towards optimal personalized implant designs

This document defines a workflow to design scaffold implants from patient clinical imaging (such as CT-scans). In this workflow the different requirements for the involved steps in implant creation (such as image scan properties, software operations, systematic inclusion of clinicians input, considerations about manufacturability) shall allow repeatability and designer-independent results. This document is intended to be used by clinicians, implant designers and implant manufacturers. The considered implants are primarily intended to address pathologies of musculo-skeletal structures. This document is not intended to be used for the design of soft-tissue implants.

Keel: en
Alusdokumendid: CWA 18131:2024

EVS-EN ISO 23500-2:2024

Preparation and quality management of fluids for haemodialysis and related therapies - Part 2: Water treatment equipment for haemodialysis applications and related therapies (ISO 23500-2:2024)

This document specifies requirements and recommendations for individual water treatment devices and water treatment systems assembled from one or more of such devices. This document is directed at the individual or company that specifies the complete water treatment system and, the supplier who assembles and installs the system. Since systems can be assembled from a number of individual water treatment devices, the provisions of this document are also directed at the manufacturers of these devices, provided that the manufacturer indicates that the device is intended to be used to supply water for haemodialysis and related therapies. This document is applicable to all devices, piping and fittings between the point at which water is delivered to the water purification system and the point of use of the purified water. Such components include but are not necessarily limited to water purification devices, online water quality monitors (such as conductivity monitors) and piping systems for the distribution of purified water. This document does not apply to — equipment used in the preparation of concentrates from powder or other highly concentrated media at a dialysis facility either for a single patient or multiple patients, — dialysis fluid supply systems that proportion water and concentrates to produce dialysis fluid, — sorbent dialysis fluid regeneration systems that regenerate and recirculate small volumes of the dialysis fluid, — dialysis concentrates, — haemodiafiltration or haemofiltration systems, — systems that process dialysers for multiple uses, and — peritoneal dialysis systems. Requirements for the ongoing monitoring of water purity in terms of chemical and microbiological quality are given in ISO 23500-3.

Keel: en
Alusdokumendid: ISO 23500-2:2024; EN ISO 23500-2:2024
Asendab dokumenti: EVS-EN ISO 23500-2:2019

EVS-EN ISO 5362:2024

Anaesthetic and respiratory equipment - Anaesthetic reservoir bags (ISO 5362:2024)

This document specifies requirements for anaesthetic reservoir bags for use with anaesthetic and ventilator breathing systems. It includes requirements for the design of the neck, size designation and elasticity. This document is not applicable to special-purpose bags, for example bellows, self-inflating bags and bags for use with anaesthetic gas scavenging systems. The requirements in this device-specific standard take precedence over any conflicting requirements in the general standard for airway devices (ISO 18190). All the common requirements that appear in the general standard for airway devices have been removed from this document.

Keel: en
Alusdokumendid: ISO 5362:2024; EN ISO 5362:2024
Asendab dokumenti: EVS-EN ISO 5362:2019

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 15004-11:2024

Fixed firefighting systems - Gas extinguishing systems - Part 11: Physical properties and systems design of gas extinguishing systems for Halocarbon Blend 55 extinguishant (ISO 14520-17:2022, modified)

This document provides specific requirements for gaseous fire-extinguishing systems with respect to the Halocarbon Blend 55 extinguishant. It includes details of physical properties, specification, usage and safety aspects. It also covers systems operating at nominal pressures of 25 bar, 35 bar, and 42 bar and 50 bar, superpressurized with nitrogen. This document does not preclude the use of other systems. NOTE 1 bar = 0,1 MPa = 105 Pa; 1 MPa = 1 N/mm2.

Keel: en
Alusdokumendid: EN 15004-11:2024; ISO 14520-17:2022

EVS-EN 15346:2024

Plastics - Recycled plastics - Characterization of poly(vinyl chloride) (PVC) recyclates

This document specifies the main characteristics and associated test methods for assessing of poly(vinyl chloride) (PVC) recyclates intended for use in the production of semi-finished/finished products. This document is intended to support parties involved in the use of PVC recyclates to agree on specifications for specific and generic applications. This document does not cover the characterization of plastics wastes, which is covered by the EN 153471(series), nor traceability topics which are covered by EN 15343. This document is applicable without prejudice to any existing legislation.

Keel: en
Alusdokumendid: EN 15346:2024
Asendab dokumenti: EVS-EN 15346:2014

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN IEC 60704-2-9:2024

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-9: Particular requirements for electric hair care appliances

IEC 60704-2-9:2024 applies to electric hand-held hairdryers for household and similar use supplied from mains, which operate with a flow of air. These particular requirements can also be applied to analogous electrically operated devices such as hairstyling appliances, which produce the airflow by a fan. Helmet-type hairdryers are excluded from this document. This document does not

apply to hair care appliances with radiant heating. For determining and verifying noise emission values declared in product specifications, see IEC 60704-3. This second edition cancels and replaces the first edition published in 2003. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) Alignment with IEC 60704-1:2021. This part 2-9 is intended to be used in conjunction with the fourth edition of IEC 60704-1:2021: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 1: General requirements.

Keel: en
Alusdokumendid: IEC 60704-2-9:2024; EN IEC 60704-2-9:2024
Asendab dokumenti: EVS-EN 60704-2-9:2004

EVS-EN IEC 62053-41:2024

Elektrimõõteseadmed. Erinõuded. Osa 41: Staatilised alalisvoolu energiaarvestid (klassid 0,5 ja 1)

Electricity metering equipment - Particular requirements - Part 41: Static meters for DC energy (classes 0,5 and 1)

This part of IEC 62053 applies only to static watt-hour meters of accuracy classes 0,5 and 1 for the measurement of DC electrical energy in DC systems, and it applies to their type tests only. NOTE 1 For other general requirements, such as safety, dependability, etc., see the relevant parts of IEC 62052 or IEC 62059. This document applies to electricity metering equipment designed to: - measure and control electrical energy on electrical networks with two poles where one of the poles is connected to earth and with voltage up to 1 500 V DC; NOTE 2 There are DC networks with other configurations or with more than 2 poles (for example networks with earth and both a positive and a negative pole). - have all functional elements, including add-on modules, enclosed in, or forming a single meter case with the exception of indicating displays; - operate with integrated or detached indicating displays, or without an indicating display; - be installed in a specified matching socket or rack; - optionally, provide additional functions other than those for measurement of electrical energy. They may be used for measuring DC electrical energy, amongst others, in the following application areas: - in EV (electrical vehicle) charging stations or in EV charging infrastructures, if the measurement is placed on the DC side; - in information technology (IT) server farms; - in DC supply points for communication equipment; - in low voltage DC networks for residential or commercial areas, if the measurement is placed on the DC side; - in solar PV (photovoltaic) systems where DC power generation is measured; - in DC supply points for public transport networks (e.g. trolleybus, etc.). Meters designed for operation with low power instrument transformers, LPITs as defined in the IEC 61869 series, may be tested for compliance with this document only if such meters and their LPITs are tested together and meet the requirements for directly connected meters. NOTE 3 Modern electricity meters typically contain additional functions such as measurement of voltage magnitude, current magnitude, power, etc.; measurement of power quality parameters; load control functions; delivery, time, test, accounting, recording functions; data communication interfaces and associated data security functions. The relevant standards for these functions may apply in addition to the requirements of this document. However, the requirements for such functions are outside the scope of this document.

Keel: en
Alusdokumendid: IEC 62053-41:2021; EN IEC 62053-41:2024

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN IEC 60300-1:2024

Dependability management - Part 1: Managing dependability

IEC 60300-1:2024 provides guidance on: - the meaning and significance of dependability from a business, technical and financial perspective; - achieving dependability through suitable adaptation of organizational management systems such as those described in ISO 9001 (quality management) and ISO 55001 (asset management); - the activities that are integrated into management systems and life cycle processes in order to achieve dependable systems, products and services; - planning and implementing dependability activities throughout the life cycle to achieve and assure required outcomes, taking into account factors such as costs, safety, the environment, customer goodwill, brand and reputation. This document is applicable to any type of system, both new and existing, to mass produced industrial or consumer products, to components and to services. This document addresses all elements of systems, products and services including hardware, software, data, processes, procedures, facilities, materials, and personnel required for operations and support.

Keel: en
Alusdokumendid: IEC 60300-1:2024; EN IEC 60300-1:2024
Asendab dokumenti: EVS-EN 60300-1:2014

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

EVS-EN 17955:2024

Industrial valves - Functional safety of safety-related automated valves

This document defines the requirements for how mechanical compliant items in a final element can be evaluated according to the principles of EN 61508 to integrate them into a safety-related system. It provides a method to determine all relevant factors, associated with the product, and thereby meet the specific needs of users of the product. The basic prerequisite for the application of this document is that the intended use is known. This document describes a system to minimize systematic faults to achieve the targeted Safety Integrity Level (SIL). This document is applied to single compliant items (e.g. valve, actuator or mechanical portions of solenoid valves) or to assemblies of several of these compliant items and interconnecting compliant items and components (e.g. gears, adaptors, brackets, etc.). Electrical, electronic or programmable electronic components are assessed according to EN 61508. This document does not apply to: - manually operated valves; - items in safety systems or risk-reducing devices that are not assessed and operated according to the principles of functional safety (e.g. automatic safety valves like

pressure relief valves). The methods described can also be used for other mechanical compliant items in a final element of the safety-related system if the applicability is confirmed by appropriate expert knowledge (e.g. dampers, brakes, clutches).

Keel: en
Alusdokumendid: EN 17955:2024

25 TOOTMISTEHNOLOOGIA

CWA 18130:2024
Standardized scaffolds library for tissue engineering research and industrial applications

This document defines a set of geometries for additively manufactured tissue engineering scaffolds conceived for being printed employing all the standard families of additive manufacturing technologies according to the standards EN ISO 17296-2:2016 and EN ISO/ASTM 52900:2021. This document provides a systematic engineering design and selection methodology for additively manufactured tissue engineering scaffold. Methods for their methodical testing and comparison, to take account of the processable materials properties and features of the AMTs employed for their creation and to verify their effects on final results, are provided. Accordingly, this document is intended to be of interest for tissue engineering scaffolds designers and manufacturers, for designers and manufacturers of scaffold-inspired implants and for healthcare professionals in the fields of tissue engineering, regenerative medicine and biofabrication.

Keel: en
Alusdokumendid: CWA 18130:2024

CWA 18132:2024
Methods for the process control of high-resolution mono- and multimaterial additive manufacturing

This document describes a framework for — the evaluation of additive manufacturing (AM) systems capability and performance boundaries,— the installation calibration of AM systems and — risk assessment and evaluation for medical AM. It defines accuracy and resolution in additive manufacturing and their special meaning for multimaterial prints as well as 4D-prints, consequences for design, with steps towards a standard for implementing a general measure of these parameters. Alignment and boundary behavior of multimaterial AM are related aspects. There is a section on design, where multimaterial boundaries can influence mechanical behavior. The procedures of accuracy determination are then applied to evaluate the influence of positioning in the build room and orientation of the printed object. Very often, the stratified nature of AM procedures leads to an influence of orientation on surface finish and stability. When high-resolution surface patterns are printed, this aspect becomes more important.Entrapment of raw materials (inks, powders, resins) gains a new dimension for multimaterial prints. The removal of support structures is therefore also regarded in this context. Standardized control of the aging of raw materials using in-process control is another concern. Finally, there are always remaining steps that have to be executed by manual labor and are therefore dependent on skill and practice level of an individual. In this document, a framework for accessing process control of these often critical process steps is proposed.

Keel: en
Alusdokumendid: CWA 18132:2024

EVS-EN 18007-1:2024
Electromagnetic pulse welding - Part 1: Welding knowledge, terminology and vocabulary

This document defines terms and definitions related to the electromagnetic pulse welding process. In this document, the term “aluminium” refers to aluminium and its alloys.

Keel: en
Alusdokumendid: EN 18007-1:2024

EVS-EN 18007-2:2024
Electromagnetic pulse welding - Part 2: Design of welded joints

This document specifies design requirements for electromagnetic pulse welds and provides design guidelines for electromagnetic pulse welding.

Keel: en
Alusdokumendid: EN 18007-2:2024

EVS-EN 18007-3:2024
Electromagnetic pulse welding - Part 3: Qualification of welding operators and weld setters

This document specifies the requirements for the qualification of welding operators and also weld setters for electromagnetic pulse welding. This document does not apply to personnel exclusively performing loading or unloading of the automatic welding unit. This document is applicable when qualification testing of welding operators and weld setters is required by the contract or by the application standard.

Keel: en
Alusdokumendid: EN 18007-3:2024

EVS-EN 18007-4:2024

Electromagnetic pulse welding - Part 4: Specification and qualification of welding procedures

This document specifies the requirements for the specification and qualification of welding procedures for electromagnetic pulse welding.

Keel: en
Alusdokumendid: EN 18007-4:2024

EVS-EN 18007-5:2024

Electromagnetic pulse welding - Part 5: Quality and inspection requirements

This document specifies a method to determine the capability of a manufacturer to use the electromagnetic pulse welding process for production of products of the specified quality. It specifies quality requirements but does not assign those requirements to any specific product or product group. In this document, the term “aluminium” refers to aluminium and its alloys.

Keel: en
Alusdokumendid: EN 18007-5:2024

27 ELEKTRI- JA SOOJUSENERGEETIKA

EVS-EN 81-44:2024

Liftide konstruktsiooni ja paigalduse ohutuseeskirjad. Inimeste ja kaupade eriliftid. Osa 44: Tõsteseadmed tuuleturbiinides
Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 44: Lifting appliances in wind turbines

1.1 This document specifies the safety requirements for the construction and installation of power operated lifting appliances installed permanently for indoor or outdoor service in wind turbines and intended for access to workplaces on wind turbines, including rescue and evacuation procedures. A lifting appliance serves defined landing levels and can move persons to working positions where they are carrying out work (which could be from the carrier) and has a carrier which is: a) designed for the transportation of persons and goods; b) guided; c) travelling vertically or along a path within 15° maximum from the vertical; d) supported or sustained by rack and pinion or rope traction drive; e) travelling with a speed not more than 0,7 m/s; f) able to operate in a temperature range between - 25 °C to + 55 °C. 1.2 This document does not cover hazards related to: a) noise; b) the use of the lifting appliance for erection or dismantling of the wind turbine; c) lightning protection; d) use in potentially explosive atmospheres; e) electromagnetic compatibility (emission, immunity); f) transporting of goods outside the carrier; g) the use of combustion engines; h) hydraulic and pneumatic drive units; i) the use of lifting appliances in floating wind turbines; j) use during earthquakes. 1.3 This document is not applicable to lifting appliances manufactured before the date of its publication.

Keel: en
Alusdokumendid: EN 81-44:2024

29 ELEKTROTEHNIKA

EVS-EN 50171:2021/AC:2024

Tsentraalsed ohutusseadmestiku toitesüsteemid
Central safety power supply systems

Standardi EVS-EN 50171:2021 parandus.

Keel: en, et
Alusdokumendid: EN 50171:2021/AC:2024-08
Parandab dokumenti: EVS-EN 50171:2021

EVS-EN 60317-0-9:2015/A1:2024

Specifications for particular types of winding wires - Part 0-9: General requirements - Enamelled rectangular aluminium wire

Amendment to EN 60317-0-9:2015

Keel: en
Alusdokumendid: IEC 60317-0-9:2015/AMD1:2024; EN 60317-0-9:2015/A1:2024
Muudab dokumenti: EVS-EN 60317-0-9:2015

EVS-EN 60317-13:2010/A1:2024

Specifications for particular types of winding wires - Part 13: Polyester or polyesterimide overcoated with polyamide-imide enamelled round copper wire, class 200

Amendment to EN 60317-13:2010

Keel: en
Alusdokumendid: IEC 60317-13:2010/AMD1:2024; EN 60317-13:2010/A1:2024
Muudab dokumenti: EVS-EN 60317-13:2010

EVS-EN 60317-15:2004/A2:2024

Specifications for particular types of winding wires - Part 15: Polyesterimide enamelled round aluminium wire, class 180

Amendment to EN 60317-15:2004

Keel: en
Alusdokumendid: IEC 60317-15:2004/AMD2:2024; EN 60317-15:2004/A2:2024
Muudab dokumenti: EVS-EN 60317-15:2004

EVS-EN 60317-28:2014/A1:2024

Specifications for particular types of winding wires - Part 28: Polyesterimide enamelled rectangular copper wire, class 180

Amendment to EN 60317-28:2014

Keel: en
Alusdokumendid: IEC 60317-28:2013/AMD1:2024; EN 60317-28:2014/A1:2024
Muudab dokumenti: EVS-EN 60317-28:2014

EVS-EN 60317-35:2014/A2:2024

Specifications for particular types of winding wires - Part 35: Solderable polyurethane enamelled round copper wire, class 155, with a bonding layer

Amendment to EN 60317-35:2014

Keel: en
Alusdokumendid: IEC 60317-35:2013/AMD2:2024; EN 60317-35:2014/A2:2024
Muudab dokumenti: EVS-EN 60317-35:2014

EVS-EN 60317-36:2014/A2:2024

Specifications for particular types of winding wires - Part 36: Solderable polyesterimide enamelled round copper wire, class 180, with a bonding layer

Amendment to EN 60317-36:2014

Keel: en
Alusdokumendid: IEC 60317-36:2013/AMD2:2024; EN 60317-36:2014/A2:2024
Muudab dokumenti: EVS-EN 60317-36:2014

EVS-EN 60317-37:2014/A1:2024

Specifications for particular types of winding wires - Part 37: Polyesterimide enamelled round copper wire, class 180, with a bonding layer

Amendment EN 60317-37:2014

Keel: en
Alusdokumendid: IEC 60317-37:2013/AMD1:2024; EN 60317-37:2014/A1:2024
Muudab dokumenti: EVS-EN 60317-37:2014

EVS-EN 60317-38:2014/A1:2024

Specifications for particular types of winding wires - Part 38: Polyester or polyesterimide overcoated with polyamide-imide, enamelled round copper wire, class 200, with a bonding layer

Amendment to EN 60317-38:2014

Keel: en
Alusdokumendid: IEC 60317-38:2013/AMD1:2024; EN 60317-38:2014/A1:2024
Muudab dokumenti: EVS-EN 60317-38:2014

EVS-EN 60317-46:2014/A1:2024

Specifications for particular types of winding wires - Part 46: Aromatic polyimide enamelled round copper wire, class 240

Amendment to EN 60317-46:2014

Keel: en
Alusdokumendid: IEC 60317-46:2013/AMD1:2024; EN 60317-46:2014/A1:2024
Muudab dokumenti: EVS-EN 60317-46:2014

EVS-EN 60317-47:2014/A1:2024

Specifications for particular types of winding wires - Part 47: Aromatic polyimide enamelled rectangular copper wire, class 240

Amendment to EN 60317-47:2014

Keel: en
Alusdokumendid: IEC 60317-47:2013/AMD1:2024; EN 60317-47:2014/A1:2024
Muudab dokumenti: EVS-EN 60317-47:2014

EVS-EN 60317-57:2010/A1:2024

Specifications for particular types of winding wires - Part 57: Polyamide-imide enamelled round copper wire, class 220

Amendment to EN 60317-57:2010

Keel: en
Alusdokumendid: IEC 60317-57:2010/AMD1:2024; EN 60317-57:2010/A1:2024
Muudab dokumenti: EVS-EN 60317-57:2010

EVS-EN 60317-58:2010/A1:2024

Specifications for particular types of winding wires - Part 58: Polyamide-imide enamelled rectangular copper wire, class 220

Amendment to EN 60317-58:2010

Keel: en
Alusdokumendid: IEC 60317-58:2010/AMD1:2024; EN 60317-58:2010/A1:2024
Muudab dokumenti: EVS-EN 60317-58:2010

EVS-EN 60317-59:2016/A1:2024

Specifications for particular types of winding wires - Part 59: Polyamide-imide enamelled round copper wire, class 240

Amendment to EN 60317-59:2016

Keel: en
Alusdokumendid: IEC 60317-59:2015/AMD1:2024; EN 60317-59:2016/A1:2024
Muudab dokumenti: EVS-EN 60317-59:2016

EVS-EN 60317-68:2017/A2:2024

Specifications for particular types of winding wires - Part 68: Polyvinyl acetal enamelled rectangular aluminium wire, class 120

Amendment to EN 60317-68:2017

Keel: en
Alusdokumendid: IEC 60317-68:2017/AMD2:2024; EN 60317-68:2017/A2:2024
Muudab dokumenti: EVS-EN 60317-68:2017

EVS-EN 60317-69:2017/A1:2024

Specifications for particular types of winding wires - Part 69: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 220

Amendment to EN 60317-69:2017

Keel: en
Alusdokumendid: IEC 60317-69:2017/AMD1:2024; EN 60317-69:2017/A1:2024
Muudab dokumenti: EVS-EN 60317-69:2017

EVS-EN 60317-8:2010/A1:2024

Specifications for particular types of winding wires - Part 8: Polyesterimide enamelled round copper wire, class 180

Amendment to EN 60317-8:2010

Keel: en
Alusdokumendid: IEC 60317-8:2010/AMD1:2024; EN 60317-8:2010/A1:2024
Muudab dokumenti: EVS-EN 60317-8:2010

EVS-EN IEC 60317-27-3:2019/A1:2024

Specifications for particular types of winding wires - Part 27-3: Paper tape covered rectangular copper wire

Amendment to EN IEC 60317-27-3:2019

Keel: en
Alusdokumendid: IEC 60317-27-3:2019/AMD1:2024; EN IEC 60317-27-3:2019/A1:2024
Muudab dokumenti: EVS-EN IEC 60317-27-3:2019

EVS-EN IEC 60317-27-4:2020/A1:2024

Specifications for particular types of winding wires - Part 27-4: Paper tape covered rectangular aluminium wire

Amendment to EN IEC 60317-27-4:2020

Keel: en
Alusdokumendid: IEC 60317-27-4:2020/AMD1:2024; EN IEC 60317-27-4:2020/A1:2024
Muudab dokumenti: EVS-EN IEC 60317-27-4:2020

EVS-EN IEC 60317-73:2018/A1:2024

Specifications for particular types of winding wires - Part 73: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 200

Amendment to EN IEC 60317-73:2018

Keel: en
Alusdokumendid: IEC 60317-73:2018/AMD1:2024; EN IEC 60317-73:2018/A1:2024
Muudab dokumenti: EVS-EN IEC 60317-73:2018

EVS-EN IEC 60317-74:2018/A1:2024

Specifications for particular types of winding wires - Part 74: Polyesterimide enamelled rectangular aluminium wire, class 180

Amendment to EN IEC 60317-74:2018

Keel: en
Alusdokumendid: IEC 60317-74:2018/AMD1:2024; EN IEC 60317-74:2018/A1:2024
Muudab dokumenti: EVS-EN IEC 60317-74:2018

EVS-EN IEC 60317-82:2020/A1:2024

Specifications for particular types of winding wires - Part 82: Polyesterimide enamelled rectangular copper wire, class 200

Amendment to EN IEC 60317-82:2020

Keel: en
Alusdokumendid: IEC 60317-82:2020/AMD1:2024; EN IEC 60317-82:2020/A1:2024
Muudab dokumenti: EVS-EN IEC 60317-82:2020

31 ELEKTROONIKA

EVS-EN IEC 60384-21:2024

Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1

IEC 60384-21:2024 is applicable to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric with a defined temperature coefficient (dielectric Class 1), intended for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits. Capacitors for electromagnetic interference suppression are not included but are covered by IEC 60384-14. The object of this document is to specify preferred ratings and characteristics and to select from IEC 60384-1:2021 the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of capacitor. Test severities and requirements specified in detail specifications referring to this sectional specification provide specific test severities and requirements of an equal or higher performance level. Further information on the conception of generic, sectional and detail specifications can be found in the Introduction of IEC 60384-1:2021. This edition includes the following significant technical changes with respect to the previous edition: a) the document has been completely restructured to comply with the ISO/IEC Directives, Part 2 and to make it more useable; tables, figures and references have been revised accordingly; Annex X contains all cross-references of changes in clause/subclause numbers; b) the terms have been replaced by the letter symbols in Table 3; c) code of temperature coefficient and tolerance of C0G, U2J have been added in Table 4, Table 6, Table 8, Table 9, Table 11, Table 13, Table 16 and Annex B; d) the requirement in 5.5.2(visual examination) has been repeated in 5.9.3, 5.10.5, 5.11.4, 5.11.4, 5.13.7, 5.14.5 and 5.15.5; e) the deflection D in the very robust designs has been added in 5.9.1; f) Annex B has been changed informative into normative; g) Clause C.5 (Test schedule for quality conformance inspection) has been newly added to withdraw the blank detail specification: IEC 60384-21-1.

Keel: en
Alusdokumendid: IEC 60384-21:2024; EN IEC 60384-21:2024
Asendab dokumenti: EVS-EN IEC 60384-21:2019

EVS-EN IEC 60384-22:2024

Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2

IEC 60384-22:2024 is applicable to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric, Class 2, for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits. Capacitors for electromagnetic interference suppression are not

included but are covered by IEC 60384-14. The object of this document is to specify preferred ratings and characteristics and to select from IEC 60384-1:2021 the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of capacitor. Test severities and requirements specified in detail specifications referring to this sectional specification provide specific test severities and requirements of an equal or higher performance level. Further information on the conception of generic, sectional and detail specifications can be found in the Introduction of IEC 60384-1:2021. This edition includes the following significant technical changes with respect to the previous edition: a) The document has been completely restructured to comply with the ISO/IEC Directives, Part 2 and to make it more useable; tables, figures and references have been revised accordingly. b) The requirements of reference temperature 25 °C has been added in Table 5, Table 9, Table 10, Table 12, Table 14 and Table 17. c) The table of temperature characteristics of capacitance for the reference temperature 25 °C have been added in Table C.1, Table C.2 and Table C.3. d) The requirement in 5.5.2 (visual examination) has been repeated in 5.9.3, 5.10.6, 5.11.4, 5.12.6, 5.13.8, 5.14.6 and 5.15.6. e) The deflection D in the very robust designs has been added in 5.9.1. f) Annex C has been changed informative into normative. g) Clause D.5 (Test schedule for quality conformance inspection) has been newly added to withdraw the blank detail specification: IEC 60384-22-1.

Keel: en
Alusdokumendid: IEC 60384-22:2024; EN IEC 60384-22:2024
Asendab dokumenti: EVS-EN IEC 60384-22:2019

EVS-EN IEC 62522:2024

Calibration of tuneable laser sources

IEC 62552:2024 provides a stable and reproducible procedure to calibrate the wavelength and power output of a tuneable laser against reference instrumentation such as optical power meters and optical wavelength meters (including optical frequency meters) that have been previously traceably calibrated.

Keel: en
Alusdokumendid: IEC 62522:2024; EN IEC 62522:2024
Asendab dokumenti: EVS-EN 62522:2014

33 SIDETEHNIKA

EVS-EN IEC 61169-69:2024

Radio-frequency connectors - Part 69: Sectional specification for RF coaxial connectors with push on mating - Characteristic impedance 50 Ω (type SMP3)

IEC 61169-69:2024, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for RF coaxial connectors with push-on coupling, typically for use in 50 Ω RF cables or micro-strips in microwave, telecommunication, wireless systems, and other fields (SMP3). It specifies mating face dimensions for general purpose connectors – grade 2, dimensional details of standard test connectors-grade 0, gauging information and tests selected from IEC 61169-1, applicable to all detail specifications relating to series SMP3 RF connectors. This specification indicates recommended performance characteristics to be considered when writing a detail specification and it covers test schedules and inspection requirements for assessment levels M and H. The SMP3 push-on coupling structure series RF coaxial connectors with the characteristic of normative impedance 50 Ω are used with various kinds of RF cables or micro-strips in microwave, telecommunication, wireless systems, and other fields. The operating frequency limit is up to 65 GHz. NOTE Imperial dimensions are the original dimensions since this is a very miniature RF connector. There is a concern that conversion to the metric system could lead to rounding errors which can lead to performance degradation from the original imperial design. The SMPM connector was released as an imperial design for this reason. All undimensioned pictorial information is for reference only.

Keel: en
Alusdokumendid: IEC 61169-69:2024; EN IEC 61169-69:2024

EVS-EN IEC 61300-2-22:2024

Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-22: Tests - Change of temperature

IEC 61300-2-22:2024 describes a procedure to determine the suitability of a fibre optic interconnecting device and a passive component to withstand the effects of a change of temperature or a succession of changes of temperature.

Keel: en
Alusdokumendid: IEC 61300-2-22:2024; EN IEC 61300-2-22:2024
Asendab dokumenti: EVS-EN 61300-2-22:2007

EVS-EN IEC 62522:2024

Calibration of tuneable laser sources

IEC 62552:2024 provides a stable and reproducible procedure to calibrate the wavelength and power output of a tuneable laser against reference instrumentation such as optical power meters and optical wavelength meters (including optical frequency meters) that have been previously traceably calibrated.

Keel: en
Alusdokumendid: IEC 62522:2024; EN IEC 62522:2024
Asendab dokumenti: EVS-EN 62522:2014

35 INFOTEHNOLOOGIA

CWA 18131:2024

Workflow from medical images towards optimal personalized implant designs

This document defines a workflow to design scaffold implants from patient clinical imaging (such as CT-scans). In this workflow the different requirements for the involved steps in implant creation (such as image scan properties, software operations, systematic inclusion of clinicians input, considerations about manufacturability) shall allow repeatability and designer-independent results. This document is intended to be used by clinicians, implant designers and implant manufacturers. The considered implants are primarily intended to address pathologies of musculo-skeletal structures. This document is not intended to be used for the design of soft-tissue implants.

Keel: en
Alusdokumendid: CWA 18131:2024

EVS-EN ISO/IEC 25059:2024

Software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Quality model for AI systems (ISO/IEC 25059:2023)

This document outlines a quality model for AI systems and is an application-specific extension to the standards on SQuaRE. The characteristics and sub-characteristics detailed in the model provide consistent terminology for specifying, measuring and evaluating AI system quality. The characteristics and sub-characteristics detailed in the model also provide a set of quality characteristics against which stated quality requirements can be compared for completeness.

Keel: en
Alusdokumendid: ISO/IEC 25059:2023; EN ISO/IEC 25059:2024

EVS-ISO/IEC 27035-1:2024

Infotehnoloogia. Infoturvaintsidentide haldus. Osa 1: Põhimõtted ja protsess
Information technology — Information security incident management — Part 1: Principles and process (ISO/IEC 27035-1, identical)

See dokument on ISO/IEC 27035 sarja standardite alusdokument. Selles esitatakse infoturvaintsidentide haldamise põhitegevuste kontseptsioonid, põhimõtted ja protsessid, mis pakuvad struktureeritud lähenemisviisi, kuidas valmistuda intsidentide avastamiseks, aruandluseks, hindamiseks ja neile reageerimiseks ning saadud kogemuste rakendamiseks. Selles dokumendis antud infoturvaintsidentide haldusprotsessi ja selle põhitegevuste juhendid on üldised ja mõeldud kohaldamiseks kõikidele organisatsioonidele, olenemata nende tüübist, suurusest või olemusest. Organisatsioonid saavad kohandada juhiseid vastavalt oma tüübile, suurusele ja äritegevuse iseloomule seoses infoturvariskidega. See dokument kehtib ka infoturvaintsidentide haldusteenuseid pakkuvate väliste organisatsioonide kohta.

Keel: en, et
Alusdokumendid: ISO/IEC 27035-1:2023
Asendab dokumenti: EVS-ISO/IEC 27035:2012

EVS-ISO/IEC 27035-2:2024

Infotehnoloogia. Infoturvaintsidentide haldus. Osa 2: Juhised infoturvaintsidentidele reageerimise kavandamiseks ja ettevalmistusteks
Information technology — Information security incident management — Part 2: Guidelines to plan and prepare for incident response (ISO/IEC 27035-2:2023, identical)

See dokument annab juhised, et kavandada ja ette valmistada intsidentidele reageerimist ning võtta arvesse intsidentidele reageerimise käigus saadud kogemusi. Juhised põhinevad infoturvaintsidentide halduse mudeli etappidel „kavandus ja ettevalmistus“ ja „kogemused“, mis on esitatud standardis ISO/IEC 27035-1:2023 jaotistes 5.2 ja 5.6. Kavanduse ja ettevalmistuse etapi põhipunktid on: — koostada ja dokumenteerida infoturvaintsidentide halduspoliitikad ning kehtestada tippjuhtkonna kohustumus, — uuendada infoturvapoliitika, sealhulgas riskijuhtimisega seotud poliitika nii organisatsiooni kui ka süsteemi, teenuste ja võrgu tasemel, — luua infoturvaintsidendi haldusplaan, — määrata kindlaks intsidendile reageerimise rühm, — luua ja säilitada asjakohaseid suhted ja sidemed sise- ja välisorganisatsioonidega, — tehniline ja muu toetus (sh organisatsiooniline ja käidutugi), — infoturvaintsidentide halduse koolitused ning teadlikkuse tõstmise nõuanded. Kogemustest õppimise etapi põhipunktid on: — parendusvaldkondade tuvastamine, — vajalike parenduste kindlaks tegemine ja rakendamine, — intsidendi reageerimisrühma hindamine. Selles dokumendis antud juhised on üldised ja mõeldud kohaldamiseks kõigile organisatsioonidele, olenemata tüübist, suurusest või olemusest. Organisatsioonid saavad selles dokumendis antud juhiseid kohandada vastavalt organisatsiooni tüübile, suurusele ja äritegevuse iseloomule seoses infoturvariski olukorraga. See dokument kehtib ka infoturvaintsidendi haldusteenuseid pakkuvate väliste organisatsioonide kohta.

Keel: en, et
Alusdokumendid: ISO/IEC 27035-2:2023
Asendab dokumenti: EVS-ISO/IEC 27035:2012

45 RAUDTEETEHNIKA

EVS-EN ISO 24478:2024

Railway applications - Braking - General vocabulary (ISO 24478:2023, including corrected version 2024-04)

This document defines terms for brakes and braking in rolling stock.

Keel: en
Alusdokumendid: ISO 24478:2023; EN ISO 24478:2024
Asendab dokumenti: EVS-EN 14478:2017

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2997-012:2024

Aerospace series - Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non-fire-resistant, operating temperatures -65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak - Part 012: Jam-nut for jam-nut receptacles - Product standard

This document specifies the characteristics of jam-nuts for jam-nut receptacles in the family of circular electrical connectors coupled by threaded ring. It is applicable to classes specified in Table 3. For receptacles using these jam-nuts, see EN 2997-004, and EN 2997-006 for class SE only.

Keel: en
Alusdokumendid: EN 2997-012:2024
Asendab dokumenti: EVS-EN 2997-012:2009

67 TOIDUAINETE TEHNOLOOGIA

EVS-EN ISO 7301:2022/A1:2024

Rice - Specification - Amendment 1 (ISO 7301:2021/Amd 1:2024)

Amendment to EN ISO 7301:2022

Keel: en
Alusdokumendid: ISO 7301:2021/Amd 1:2024; EN ISO 7301:2022/A1:2024
Muudab dokumenti: EVS-EN ISO 7301:2022

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-ISO 6743-6:2024

Määrdeained, tööstusõlid ja nendega seotud tooted (klass L). Klassifikatsioon. Osa 6: tüüp C (hammasülekande süsteemid)
Lubricants, industrial oils and related products (class L) -- Classification -- Part 6: Family C (gear systems) (ISO 6743-6:2018, identical)

See dokument kehtestab üksikasjaliku määratluse määrdeainete tüübile C (hammasülekanded), mis kuulub klassi L (määrdeained, tööstusõlid ja nendega seotud tooted). Seda saab lugeda koos standardiga ISO 6743-99. Selles dokumendis sisalduv klassifikatsioon puudutab vaid määrdeaineid tööstuslikele hammasülekannetele ja ei sisalda määrdeaineid mootorsõidukide hammasülekannetele.

Keel: en
Alusdokumendid: ISO 6743-6:2018
Asendab dokumenti: EVS-ISO 6743-6:2012

77 METALLURGIA

EVS-EN ISO 10714:2024

Steel and iron - Determination of phosphorus content - Phosphovanadomolybdate spectrophotometric method (ISO 10714:2024)

This document specifies a spectrophotometric method for the determination of phosphorus in steel and cast iron. The method is applicable to phosphorus contents between 0,001 0 % (mass fraction) and 1,0 % (mass fraction).

Keel: en
Alusdokumendid: ISO 10714:2024; EN ISO 10714:2024
Asendab dokumenti: EVS-EN ISO 10714:2003

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 15346:2024

Plastics - Recycled plastics - Characterization of poly(vinyl chloride) (PVC) recyclates

This document specifies the main characteristics and associated test methods for assessing of poly(vinyl chloride) (PVC) recyclates intended for use in the production of semi-finished/finished products. This document is intended to support parties involved in the use of PVC recyclates to agree on specifications for specific and generic applications. This document does not cover the characterization of plastics wastes, which is covered by the EN 153471(series), nor traceability topics which are covered by EN 15343. This document is applicable without prejudice to any existing legislation.

Keel: en
Alusdokumendid: EN 15346:2024
Asendab dokumenti: EVS-EN 15346:2014

91 EHITUSMATERJALID JA EHITUS

EVS-EN 81-44:2024

Liftide konstruktsiooni ja paigalduse ohutuseeskirjad. Inimeste ja kaupade eriliftid. Osa 44: Tõsteseadmed tuuleturbiinides
Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 44: Lifting appliances in wind turbines

1.1 This document specifies the safety requirements for the construction and installation of power operated lifting appliances installed permanently for indoor or outdoor service in wind turbines and intended for access to workplaces on wind turbines, including rescue and evacuation procedures. A lifting appliance serves defined landing levels and can move persons to working positions where they are carrying out work (which could be from the carrier) and has a carrier which is: a) designed for the transportation of persons and goods; b) guided; c) travelling vertically or along a path within 15° maximum from the vertical; d) supported or sustained by rack and pinion or rope traction drive; e) travelling with a speed not more than 0,7 m/s; f) able to operate in a temperature range between - 25 °C to + 55 °C. 1.2 This document does not cover hazards related to: a) noise; b) the use of the lifting appliance for erection or dismantling of the wind turbine; c) lightning protection; d) use in potentially explosive atmospheres; e) electromagnetic compatibility (emission, immunity); f) transporting of goods outside the carrier; g) the use of combustion engines; h) hydraulic and pneumatic drive units; i) the use of lifting appliances in floating wind turbines; j) use during earthquakes. 1.3 This document is not applicable to lifting appliances manufactured before the date of its publication.

Keel: en
Alusdokumendid: EN 81-44:2024

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 62552-1:2020/A11:2024

Kodu-külmutusseadmed. Omadused ja katsetusmeetodid. Osa 1: Üldnõuded
Household refrigerating appliances - Characteristics and test methods - Part 1: General requirements

This part of EN 62552 specifies the essential characteristics of household and similar refrigerating appliances cooled by internal natural convection or forced air circulation, and establishes test methods for checking these characteristics. For the purposes of declaration, the tests defined in this part of IEC 62552 are considered to be type tests to assess the fundamental design and operation of a refrigerating appliance. This part of IEC 62552 does not define requirements for production sampling or conformity assessment or certification. This part of IEC 62552 does not define a regime for verification testing as this varies by region and country. When verification of the performance of a refrigerating appliance of a given type in relation to this standard is necessary, it is preferable, wherever practicable, that all the tests specified be applied to a single unit. The tests can also be made individually for the study of a particular characteristic.

Keel: en
Alusdokumendid: EN 62552-1:2020/A11:2024
Muudab dokumenti: EVS-EN 62552-1:2020

EVS-EN 62552-2:2020/A11:2024

Kodu-külmutusseadmed. Omadused ja katsetusmeetodid. Osa 2: Toimivusnõuded
Household refrigerating appliances - Characteristics and test methods - Part 2: Performance requirements

This part of EN 62552 specifies the essential characteristics of household and similar refrigerating appliances cooled by internal natural convection or forced air circulation, and establishes test methods for checking these characteristics. This part of EN 62552 describes the methods for the determination of performance requirements. Although there is some commonality in the set-ups for different tests (and so it may be an advantage to apply them all to one sample), these are separate tests to evaluate specific characteristics of the sample being tested. This part of IEC 62552 does not specify a procedure to generalise the results from sample test results to a prediction of the characteristics of the whole population from which that sample was selected.

Keel: en
Alusdokumendid: EN 62552-2:2020/A11:2024
Muudab dokumenti: EVS-EN 62552-2:2020

EVS-EN 62552-3:2020/A11:2024

Kodu-külmutusseadmed. Omadused ja katsetusmeetodid. Osa 3: Energiatarbimine
Household refrigerating appliances - Characteristics and test methods - Part 3: Energy consumption and volume

This part of EN 62552 specifies the essential characteristics of household and similar refrigerating appliances cooled by internal natural convection or forced air circulation, and establishes test methods for checking these characteristics. This part of EN 62552 describes the methods for the determination of energy consumption characteristics and defines how these can be assembled to estimate energy consumption under different usage and climate conditions. This part of EN 62552 also defines the determination of volume.

Keel: en
Alusdokumendid: EN 62552-3:2020/A11:2024
Muudab dokumenti: EVS-EN 62552-3:2020

EVS-EN IEC 60704-2-9:2024

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-9: Particular requirements for electric hair care appliances

IEC 60704-2-9:2024 applies to electric hand-held hairdryers for household and similar use supplied from mains, which operate with a flow of air. These particular requirements can also be applied to analogous electrically operated devices such as hairstyling appliances, which produce the airflow by a fan. Helmet-type hairdryers are excluded from this document. This document does not apply to hair care appliances with radiant heating. For determining and verifying noise emission values declared in product specifications, see IEC 60704-3. This second edition cancels and replaces the first edition published in 2003. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) Alignment with IEC 60704-1:2021. This part 2-9 is intended to be used in conjunction with the fourth edition of IEC 60704-1:2021: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 1: General requirements.

Keel: en
Alusdokumendid: IEC 60704-2-9:2024; EN IEC 60704-2-9:2024
Asendab dokumenti: EVS-EN 60704-2-9:2004

ASENDATUD VÕI TÜHISTATUD EESTI STANDARDID JA STANDARDILAADSED DOKUMENDID

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

EVS-EN 14478:2017
Raudteealased rakendused. Pidurdamine. Üldsõnavara
Railway applications - Braking - Generic vocabulary

Keel: en
Alusdokumendid: EN 14478:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 24478:2024
Standardi staatus: Kehtetu

03 TEENUSED. ETTEVÕTTE ORGANISEERIMINE, JUHTIMINE JA KVALITEET. HALDUS. TRANSPORT. SOTSIOLOOGIA

EVS-EN 60300-1:2014
Dependability management - Part 1: Guidance for management and application

Keel: en
Alusdokumendid: EN 60300-1:2014; IEC 60300-1:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60300-1:2024
Standardi staatus: Kehtetu

11 TERVISEHOOLDUS

EVS-EN ISO 23500-2:2019
Preparation and quality management of fluids for haemodialysis and related therapies - Part 2: Water treatment equipment for haemodialysis applications and related therapies (ISO 23500-2:2019)

Keel: en
Alusdokumendid: ISO 23500-2:2019; EN ISO 23500-2:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 23500-2:2024
Standardi staatus: Kehtetu

EVS-EN ISO 5362:2019
Anaesthetic reservoir bags (ISO 5362:2006)

Keel: en
Alusdokumendid: ISO 5362:2006; EN ISO 5362:2019
Asendatud järgmise dokumendiga: EVS-EN ISO 5362:2024
Standardi staatus: Kehtetu

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

EVS-EN 15346:2014
Plastics - Recycled plastics - Characterization of poly(vinyl chloride) (PVC) recyclates

Keel: en
Alusdokumendid: EN 15346:2014
Asendatud järgmise dokumendiga: EVS-EN 15346:2024
Standardi staatus: Kehtetu

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

EVS-EN 60704-2-9:2004
Kodumajapidamises ja sarnastes oludes kasutatavad elektriseadmed. Katsenormid õhumüra määramiseks - Osa 2-9: Erinõuded elektrilistele juukselõikusmasinatele
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-9: Particular requirements for electric hair care appliances

Keel: en
Alusdokumendid: IEC 60704-2-9:2003; EN 60704-2-9:2003
Asendatud järgmise dokumendiga: EVS-EN IEC 60704-2-9:2024
Standardi staatus: Kehtetu

21 ÜLDKASUTATAVAD MASINAD JA NENDE OSAD

EVS-EN 60300-1:2014
Dependability management - Part 1: Guidance for management and application

Keel: en
Alusdokumendid: EN 60300-1:2014; IEC 60300-1:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 60300-1:2024
Standardi staatus: Kehtetu

31 ELEKTROONIKA

EVS-EN 62522:2014
Calibration of tuneable laser sources

Keel: en
Alusdokumendid: IEC 62522:2014; EN 62522:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 62522:2024
Standardi staatus: Kehtetu

EVS-EN IEC 60384-21:2019
Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1

Keel: en
Alusdokumendid: IEC 60384-21:2019; EN IEC 60384-21:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 60384-21:2024
Standardi staatus: Kehtetu

EVS-EN IEC 60384-22:2019
Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2

Keel: en
Alusdokumendid: IEC 60384-22:2019; EN IEC 60384-22:2019
Asendatud järgmise dokumendiga: EVS-EN IEC 60384-22:2024
Standardi staatus: Kehtetu

33 SIDETEHNIKA

EVS-EN 61300-2-22:2007
Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 2-22: Tests - Change of temperature

Keel: en
Alusdokumendid: IEC 61300-2-22:2007; EN 61300-2-22:2007
Asendatud järgmise dokumendiga: EVS-EN IEC 61300-2-22:2024
Standardi staatus: Kehtetu

EVS-EN 62522:2014
Calibration of tuneable laser sources

Keel: en
Alusdokumendid: IEC 62522:2014; EN 62522:2014
Asendatud järgmise dokumendiga: EVS-EN IEC 62522:2024
Standardi staatus: Kehtetu

35 INFOTEHNOLOOGIA

EVS-ISO/IEC 27035:2012
Infotehnoloogia. Turbemeetodid. Infoturvaintsidentide haldus
Information technology - Security techniques - Information security incident management

Keel: en, et
Alusdokumendid: ISO/IEC 27035:2011
Asendatud järgmise dokumendiga: EVS-ISO/IEC 27035-1:2024
Asendatud järgmise dokumendiga: EVS-ISO/IEC 27035-2:2024
Standardi staatus: Kehtetu

45 RAUDTEETEHNIKA

EVS-EN 14478:2017
Raudteealased rakendused. Pidurdamine. Üldsõnavara
Railway applications - Braking - Generic vocabulary

Keel: en
Alusdokumendid: EN 14478:2017
Asendatud järgmise dokumendiga: EVS-EN ISO 24478:2024
Standardi staatus: Kehtetu

49 LENNUNDUS JA KOSMOSETEHNIKA

EVS-EN 2997-012:2009
Aerospace series - Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures - 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak - Part 012: Jam-nut for jam-nut receptacles - Product standard

Keel: en
Alusdokumendid: EN 2997-012:2009
Asendatud järgmise dokumendiga: EVS-EN 2997-012:2024
Standardi staatus: Kehtetu

75 NAFTA JA NAFTATEHNOLOOGIA

EVS-ISO 6743-6:2012
Määrdeained, tööstusõlid ja nendega seotud tooted (klass L). Klassifikatsioon. Osa 6: tüüp C (hammasülekanded)
Lubricants, industrial oils and related products (class L) -- Classification -- Part 6: Family C (Gears)

Keel: et-en
Alusdokumendid: ISO 6743-6:1990
Asendatud järgmise dokumendiga: EVS-ISO 6743-6:2024
Standardi staatus: Kehtetu

77 METALLURGIA

EVS-EN ISO 10714:2003
Steel and iron - Determination of phosphorus content - Phosphovanadomolybdate spectrophotometric method

Keel: en
Alusdokumendid: ISO 10714:1992; EN ISO 10714:2002
Asendatud järgmise dokumendiga: EVS-EN ISO 10714:2024
Standardi staatus: Kehtetu

83 KUMMI- JA PLASTITÖÖSTUS

EVS-EN 15346:2014
Plastics - Recycled plastics - Characterization of poly(vinyl chloride) (PVC) recyclates

Keel: en
Alusdokumendid: EN 15346:2014
Asendatud järgmise dokumendiga: EVS-EN 15346:2024
Standardi staatus: Kehtetu

97 OLME. MEELELAHUTUS. SPORT

EVS-EN 60704-2-9:2004
Kodumajapidamises ja sarnastes oludes kasutatavad elektriseadmed. Katsenormid õhumüra määramiseks - Osa 2-9: Erinõuded elektrilistele juukselõikusmasinatele
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-9: Particular requirements for electric hair care appliances

Keel: en
Alusdokumendid: IEC 60704-2-9:2003; EN 60704-2-9:2003
Asendatud järgmise dokumendiga: EVS-EN IEC 60704-2-9:2024
Standardi staatus: Kehtetu

STANDARDIKAVANDITE ARVAMUSKÜSITLUS

Selleks, et tagada standardite vastuvõtmine, järgides konsensuse põhimõtteid, peab standardite vastuvõtmisele eelnema standardikavandite avalik arvamusküsitlus, milleks ettenähtud perioodi jooksul (üldjuhul 60 päeva) on asjast huvitatuil võimalik tutvuda standardikavanditega, esitada kommentaare ning teha ettepanekuid parandusteks. Eriti on oodatud teave, kui rahvusvahelist või Euroopa standardikavandit ei peaks vastu võtma Eesti standardiks (vastuolu Eesti õigusaktidega, pole Eestis rakendatav jt põhjustel).

Arvamusküsitlusele esitatakse Euroopa ja rahvusvahelised standardikavandid, mis on kavas üle võtta Eesti standarditeks, ja Eesti algupärased standardikavandid ning algupäraste tehniliste spetsifikatsioonide ja juhendite kavandid.

Iga arvamusküsitlusel oleva kavandi kohta on esitatud alljärgnev informatsioon:
• tähis;
• pealkiri;
• käsitlusala;
• keel (en = inglise; et = eesti);
• Euroopa või rahvusvahelise alusdokumendi tähis, selle olemasolul;
• asendusseos, selle olemasolul;
• arvamuste esitamise tähtaeg.

Kavanditega saab tutvuda ja kommentaare esitada Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel asuvas kommenteerimisportaalis: https://www.evs.ee/kommenteerimisportaal/

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast standardimisprogrammist.

01 ÜLDKÜSIMUSED. TERMINOLOOGIA. STANDARDIMINE. DOKUMENTATSIOON

prEN ISO 10318-1
Geosynthetics - Part 1: Vocabulary (ISO/DIS 10318-1:2024)

The intent of ISO 10318-1:2015 is to define terms related to functions, products, properties, and other terms used in EN and ISO geosynthetics standards. Definitions of terms not included in ISO 10318-1:2015 can be found in the International Standards describing appropriate test methods. See also the ISO online browsing platform (OBP): www.iso.org/obp/ui/

Keel: en
Alusdokumendid: ISO/DIS 10318-1; prEN ISO 10318-1
Asendab dokumenti: EVS-EN ISO 10318-1:2015
Asendab dokumenti: EVS-EN ISO 10318-1:2015/A1:2018

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN ISO 7519
Technical product documentation (TPD) - Construction documentation - General principles of presentation for general arrangement and assembly drawings (ISO/FDIS 7519:2024)

This document establishes general principles of presentation to be applied to construction drawings for general arrangement and assembly, mainly within the field of building and architectural drawings.

Keel: en
Alusdokumendid: prEN ISO 7519; ISO/FDIS 7519:2024
Asendab dokumenti: EVS-EN ISO 7519:2024

Arvamusküsitluse lõppkuupäev: 13.10.2024

03 TEENUSED. ETTEVÕTTE ORGANISEERIMINE, JUHTIMINE JA KVALITEET. HALDUS. TRANSPORT. SOTSIOLOOGIA

EVS-EN ISO 24804:2022/prA11
Recreational diving services - Requirements for rebreather diver training - No-decompression diving

This document specifies requirements for rebreather diver training programmes which provide the competencies required to perform dives with a rebreather to a maximum depth of 30 m that do not require mandatory decompression stops using a nitrox breathing gas. This document specifies evaluation criteria for these competencies. This document specifies the requirements under which training is provided, in addition to the general requirements for recreational diving service provision in accordance with ISO 24803.

Keel: en
Alusdokumendid: EN ISO 24804:2022/A11:2024
Muudab dokumenti: EVS-EN ISO 24804:2022

Arvamusküsitluse lõppkuupäev: 13.10.2024

EVS-EN ISO 24805:2022/prA11

Recreational diving services - Requirements for rebreather diver training - Decompression diving to 45 m

This document specifies requirements for rebreather diver training programmes which provide the competencies required to perform dives with a rebreather to 40 m using a nitrox breathing mixture or to 45 m using a trimix breathing mixture, requiring mandatory decompression stops. This document specifies evaluation criteria for these competencies. This document specifies the requirements under which training is provided, in addition to the general requirements for recreational diving service provision in accordance with ISO 24803.

Keel: en
Alusdokumendid: EN ISO 24805:2022/A11:2024
Muudab dokumenti: EVS-EN ISO 24805:2022

Arvamusküsitluse lõppkuupäev: 13.10.2024

EVS-EN ISO/IEC 17043:2023/prA11

Vastavushindamine. Üldnõuded tasemekatsetuste korraldajatele
Conformity assessment - General requirements for the competence of proficiency testing providers

Standardi EVS-EN ISO/IEC 17043:2023 muudatus.

Keel: en
Alusdokumendid: EN ISO/IEC 17043:2023/A11:2024
Muudab dokumenti: EVS-EN ISO/IEC 17043:2023

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN 15628

Maintenance - Qualification of maintenance personnel

This document specifies the qualification of the personnel with regard to the tasks to be performed in the context of the maintenance of plant, infrastructure and production systems and to fulfil the requirement of the maintenance job, in the modern and digital world. This document guides the definition of the knowledge, skills, and competencies required for the qualification of maintenance personnel. These guidelines can be used for personnel training and career planning, as well as a guide for the basis for personnel certification, as an example of the assessment and approval of personnel through personnel certification. This document covers the following professional persons in the maintenance organization: - Maintenance Technician Specialist; - Maintenance Supervisor; - Maintenance Engineer; - Maintenance Manager (Responsible of Maintenance Function or Service). These denominations can be adapted based on company practices and operational organization. An example of a structured way of organizing maintenance in an organization can be seen in Annex A. This document does not specify the verification criteria nor the specialized training of the personnel, which is related to the specific industrial and building sectors. NOTE Specialization and profession are the subject of the training carried out in the relevant sector.

Keel: en
Alusdokumendid: prEN 15628
Asendab dokumenti: EVS-EN 15628:2014

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN ISO/IEC 27706

Requirements for bodies providing audit and certification of information security management systems - Part 2: Privacy information management systems (ISO/IEC/DIS 27006-2:2023)

This document specifies requirements and provides guidance for bodies providing audit and certification of a privacy information management system (PIMS) according to ISO/IEC 27701 in combination with ISO/IEC 27001, in addition to the requirements contained within ISO/IEC 27006 and ISO/IEC 27701. It is primarily intended to support the accreditation of certification bodies providing PIMS certification. The requirements contained in this document need to be demonstrated in terms of competence and reliability by anybody providing PIMS certification, and the guidance contained in this document provides additional interpretation of these requirements for any body providing PIMS certification. NOTE This document can be used as a criteria document for accreditation, peer assessment or other audit processes.

Keel: en
Alusdokumendid: ISO/IEC DIS 27706:2024; prEN ISO/IEC 27706
Asendab dokumenti: CEN ISO/IEC/TS 27006-2:2022

Arvamusküsitluse lõppkuupäev: 13.09.2024

07 LOODUS- JA RAKENDUSTEADUSED

EVS-EN ISO 20387:2020/prA11

Biotehnoloogia. Biopangandus. Üldised nõuded biopangandusele
Biotechnology - Biobanking - General requirements for biobanking

Standardi EN ISO 20387:2020 muudatus

Keel: en
Alusdokumendid: EN ISO 20387:2020/A11:2024

Muudab dokumenti: EVS-EN ISO 20387:2020

Arvamusküsitluse lõppkuupäev: 13.10.2024

11 TERVISEHOOLDUS

EN ISO 10993-17:2023/prA1

Biological evaluation of medical devices - Part 17: Toxicological risk assessment of medical device constituents - Amendment 1 (ISO 10993-17:2023/DAmd 1:2024)

Amendment to EN ISO 10993-17:2023

Keel: en
Alusdokumendid: ISO 10993-17:2023/DAmd 1; EN ISO 10993-17:2023/prA1
Muudab dokumenti: EVS-EN ISO 10993-17:2023

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN 455-5

Medical gloves for single use - Part 5: Extractable chemical residues

This document provides requirements for label information about chemicals used in product manufacture, particularly potentially allergenic substances employed and remaining in medical gloves. It also provides information on extraction media, methods of extraction and quantitative assay of residual chemicals. This document does not provide information on the allergenic potential or safety to the user of any product. This is expected to be assessed in the light of all available toxicity and biocompatibility data on the products concerned as part of a risk management process.

Keel: en
Alusdokumendid: prEN 455-5

Arvamusküsitluse lõppkuupäev: 13.09.2024

13 KESKKONNA- JA TERVISEKAITSE. OHUTUS

prEN 14972-17

Fixed firefighting systems - Water mist systems - Part 17: Test protocol for residential occupancies for automatic nozzle systems

This document specifies fire testing requirements for water mist systems used for fire protection of domestic and residential occupancies up to a maximum ceiling height of 5,5 m. EXAMPLE Examples for residential occupancies are family dwelling/house, bed and breakfast, apartment buildings, blocks of flats, care homes, small hotels or hostels, and residential areas in hotel bedrooms and guest corridors. NOTE Some countries might have a national annex with guidance on the maximum height of the building, minimum design area and any additional requirements.

Keel: en
Alusdokumendid: prEN 14972-17

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN IEC 61252:2024

Electroacoustics - Personal sound exposure meters

This document specifies: – performance specifications for personal sound exposure meters, – details of the tests necessary to verify conformance to all mandatory specifications for the purpose of pattern evaluation, and – procedures for periodic testing of a personal sound exposure meter. Personal sound exposure meters conforming to the requirements of this standard have a specified frequency response for sound incident on the microphone from all directions. This document is applicable to instruments that are designed to be worn on a person in a configuration specified by the manufacturer for the measurement of sound immission resulting from steady, intermittent, fluctuating, irregular, or impulsive sounds. For reproducibility of results, specifications and tests for the response to sound waves apply without an operator present in the sound field. This document specifies performance requirements for personal sound exposure meters of one performance class. The specifications generally correspond to those for a class 2 integrating-averaging sound level meter as given in IEC 61672-1:2013 for an A-weighted sound pressure level range at least from 67 dB to 137 dB and a nominal frequency range from 20 Hz to 8 kHz. The design goals and the acceptance limits for deviations from the design goals are representative of the performance of practical instruments. Personal sound exposure meters are unlikely to be suitable for measurement of sound levels outside these ranges. Pattern evaluation tests and periodic tests described in this edition of this document apply to personal sound exposure meters for which the manufacturer claims conformance to the specifications given in this edition of this document. The purpose of pattern evaluation is to determine whether a model of personal sound exposure meter conforms to all the performance specifications given in this document. The purpose of periodic testing is to assure the user that the individual personal sound exposure meter conforms to the applicable performance specifications for a limited set of key tests and for the environmental conditions under which the tests are performed. The extent of the periodic tests is deliberately restricted to the minimum considered necessary. Because of the limited extent of the periodic tests, evidence of pattern approval is necessary to state that the individual personal sound exposure meter conforms to the complete set of specifications of this document. The aim is to ensure that pattern evaluation and periodic testing are performed in a consistent manner by all laboratories.

Keel: en
Alusdokumendid: prEN IEC 61252:2024; 29/1180/CDV
Asendab dokumenti: EVS-EN 61252:2011
Asendab dokumenti: EVS-EN 61252:2011/A2:2017

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN IEC 62933-3-1:2024

Electrical energy storage (EES) systems - Part 3-1: Planning and performance assessment of electrical energy storage systems - General specification

This part of IEC 62933 is applicable to EES systems designed for grid-connected indoor or outdoor installation and operation. This document considers • necessary functions and capabilities of EES systems • sizing and design of EES system • operation of EES system • test items and performance assessment methods for EES systems • requirements for monitoring and acquisition of EES system operating parameters • exchange of system information and control capabilities required • maintenance of EES system Stakeholders of this document comprise personnel involved with EES systems, which include – planners of electric power systems and EES systems – owners of EES systems – operators of electric power systems and EES systems – constructors – suppliers of EES systems and its equipment – aggregators Use-case-specific technical documentation, including planning and installation specific tasks such as system design, monitoring, measurement, tests, operation and maintenance, are very important and can be found throughout this document. NOTE This document has been written for AC grids, however parts can also apply to DC grids.

Keel: en
Alusdokumendid: 120/376/CDV; prEN IEC 62933-3-1:2024

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN ISO 11161

Safety of machinery - Integration of machinery into a system - Basic requirements (ISO/DIS 11161:2024)

ISO 11161:2007 specifies the safety requirements for integrated manufacturing systems (IMS) that incorporate two or more interconnected machines for specific applications, such as component manufacturing or assembly. It gives requirements and recommendations for the safe design, safeguarding and information for the use of such IMSs. ISO 11161:2007 is not intended to cover safety aspects of individual machines and equipment that may be covered by standards specific to those machines and equipment. Therefore it deals only with those safety aspects that are important for the safety-relevant interconnection of the machines and components. Where machines and equipment of an integrated manufacturing system are operated separately or individually, and while the protective effects of the safeguards provided for production mode are muted or suspended, the relevant safety standards for these machines and equipment apply.

Keel: en
Alusdokumendid: ISO/DIS 11161; prEN ISO 11161
Asendab dokumenti: EVS-EN ISO 11161:2007
Asendab dokumenti: EVS-EN ISO 11161:2007/A1:2010

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN ISO 11925-2

Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test (ISO/DIS 11925-2:2024)

This document specifies a method of test for determining the ignitability of products by direct small flame impingement under zero impressed irradiance using vertically oriented test specimens. Information on the precision of the test method is given in Annex A (informative). Information on testing not essentially flat end-use products is given in Annex B (normative). Information on testing perforated end-use products is given in Annex C (normative).

Keel: en
Alusdokumendid: ISO/DIS 11925-2; prEN ISO 11925-2
Asendab dokumenti: EVS-EN ISO 11925-2:2020

Arvamusküsitluse lõppkuupäev: 13.10.2024

17 METROLOOGIA JA MÕÕTMINE. FÜÜSIKALISED NÄHTUSED

prEN IEC 61252:2024

Electroacoustics - Personal sound exposure meters

This document specifies: – performance specifications for personal sound exposure meters, – details of the tests necessary to verify conformance to all mandatory specifications for the purpose of pattern evaluation, and – procedures for periodic testing of a personal sound exposure meter. Personal sound exposure meters conforming to the requirements of this standard have a specified frequency response for sound incident on the microphone from all directions. This document is applicable to instruments that are designed to be worn on a person in a configuration specified by the manufacturer for the measurement of sound immission resulting from steady, intermittent, fluctuating, irregular, or impulsive sounds. For reproducibility of results, specifications and tests for the response to sound waves apply without an operator present in the sound field. This document specifies performance requirements for personal sound exposure meters of one performance class. The specifications generally correspond to those for a class 2 integrating-averaging sound level meter as given in IEC 61672-1:2013 for an A-weighted sound pressure level range at least from 67 dB to 137 dB and a nominal frequency range from 20 Hz to 8 kHz. The design goals and the acceptance limits for deviations from the design goals are representative of the performance of practical instruments. Personal sound exposure meters are unlikely to be suitable for measurement of sound levels outside these ranges. Pattern evaluation tests and periodic tests described in this edition of this document apply to personal sound exposure meters for which the manufacturer claims conformance to the specifications given in this edition of this document. The purpose of pattern evaluation is to determine whether a model of personal sound exposure meter conforms to all the performance specifications given in this document. The purpose

of periodic testing is to assure the user that the individual personal sound exposure meter conforms to the applicable performance specifications for a limited set of key tests and for the environmental conditions under which the tests are performed. The extent of the periodic tests is deliberately restricted to the minimum considered necessary. Because of the limited extent of the periodic tests, evidence of pattern approval is necessary to state that the individual personal sound exposure meter conforms to the complete set of specifications of this document. The aim is to ensure that pattern evaluation and periodic testing are performed in a consistent manner by all laboratories.

Keel: en
Alusdokumendid: prEN IEC 61252:2024; 29/1180/CDV
Asendab dokumenti: EVS-EN 61252:2011
Asendab dokumenti: EVS-EN 61252:2011/A2:2017

Arvamusküsitluse lõppkuupäev: 13.10.2024

23 ÜLDKASUTATAVAD HÜDRO- JA PNEUMOSÜSTEEMID JA NENDE OSAD

prEN ISO 13341
Gas cylinders - Fitting of valves to gas cylinders (ISO/DIS 13341:2024)

ISO 13341:2010 specifies the procedures to be followed when connecting cylinder valves to gas cylinders. It specifically applies to all valve and cylinder combinations connected with ISO screw threads as specified in ISO 10920 and ISO 11363-1. It defines routines for inspection and preparation prior to valving for both taper and parallel screw threads. Torque values are given for steel and aluminium gas cylinders including composite cylinders with steel or aluminium boss. The procedures and practices specified in ISO 13341:2010 can be beneficially applied to other valve to cylinder screw thread connection systems.

Keel: en
Alusdokumendid: ISO/DIS 13341; prEN ISO 13341
Asendab dokumenti: EVS-EN ISO 13341:2010
Asendab dokumenti: EVS-EN ISO 13341:2010/A1:2015

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEVS-EN 13480-1
Metallist tööstustorustik. Osa 1: Üldist
Metallic industrial piping - Part 1: General

This European Standard specifies the requirements for industrial piping systems and supports, including safety systems, made of metallic materials with a view to ensure safe operation. This European Standard is applicable to metallic piping above ground, ducted or buried, irrespective of pressure.

Keel: en
Alusdokumendid: EN 13480-1:2024
Asendab dokumenti: EVS-EN 13480-1:2017/A1:2019
Asendab dokumenti: EVS-EN 13480-1:2017+A1:2019

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEVS-EN 13480-2
Metallist tööstustorustik. Osa 2: Materjalid
Metallic industrial piping - Part 2: Materials

This document specifies the requirements for steel products used for industrial piping and supports. For some metallic materials other than steel, such as spheroidal graphite cast iron, aluminium, nickel, copper, titanium, requirements are or will be formulated in separate parts of this document. For metallic materials which are not covered by a harmonized material standard and are not likely to be in near future, specific rules are given in this part or the above cited parts of this document.

Keel: en
Alusdokumendid: EN 13480-2:2024
Asendab dokumenti: EVS-EN 13480-2:2017/A1:2018
Asendab dokumenti: EVS-EN 13480-2:2017/A2:2018
Asendab dokumenti: EVS-EN 13480-2:2017/A3:2018
Asendab dokumenti: EVS-EN 13480-2:2017/A7:2020
Asendab dokumenti: EVS-EN 13480-2:2017+A1+A2+A3+A7:2020
Asendab dokumenti: EVS-EN 13480-2:2017+A1+A2+A3+A7:2020/A8:2021

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEVS-EN 13480-3
Metallist tööstustorustik. Osa 3: Kavandamine ja arvutamine
Metallic industrial piping - Part 3: Design and calculation

This document specifies the design and calculation of industrial metallic piping systems, including supports, covered by EN 13480 series.

Keel: en
Alusdokumendid: EN 13480-3:2024
Asendab dokumenti: EVS-EN 13480-3:2017
Asendab dokumenti: EVS-EN 13480-3:2017/A1:2021

Asendab dokumenti: EVS-EN 13480-3:2017/A2:2020
Asendab dokumenti: EVS-EN 13480-3:2017/A3:2020
Asendab dokumenti: EVS-EN 13480-3:2017/A4:2021
Asendab dokumenti: EVS-EN 13480-3:2017/A5:2022
Asendab dokumenti: EVS-EN 13480-3:2017+A2+A3:2020
Asendab dokumenti: EVS-EN 13480-3:2017+A2+A3+A1:2021
Asendab dokumenti: EVS-EN 13480-3:2017+A2+A3+A1+A4:2021
Asendab dokumenti: EVS-EN 13480-3:2017+A2+A3+A1+A4+A5:2022

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEVS-EN 13480-4

Metallist tööstustorustik. Osa 4: Valmistamine ja paigaldamine
Metallic industrial piping - Part 4: Fabrication and installation

This document specifies the requirements for fabrication and installation of piping systems, including supports, designed in accordance with EN 13480-3:2024.

Keel: en
Alusdokumendid: EN 13480-4:2024
Asendab dokumenti: EVS-EN 13480-4:2017
Asendab dokumenti: EVS-EN 13480-4:2017/A1:2023
Asendab dokumenti: EVS-EN 13480-4:2017/A2:2023
Asendab dokumenti: EVS-EN 13480-4:2017+A1+A2:2023

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEVS-EN 13480-5

Metallist tööstustorustik. Osa 5: Kontroll ja katsetamine
Metallic industrial piping - Part 5: Inspection and testing

See dokument määrab kindlaks nõuded tööstustorustike ülevaatuseks ja testimiseks vastavalt standardile EN 13480-1:2024, mida tuleb teostada eraldiseisvate torude (spools) või torustikusüsteemide puhul, hõlmates ka tugiosasid (supports), mis on kavandatud standardite EN 13480-3:2024 ja EN 13480-6:2024 kohaselt (kohaldumisel) ning valmistatud ja paigaldatud standardi EN 13480-4:2024 kohaselt.

Keel: en
Alusdokumendid: EN 13480-5:2024
Asendab dokumenti: EVS-EN 13480-5:2017/A1:2019
Asendab dokumenti: EVS-EN 13480-5:2017+A1:2019
Asendab dokumenti: EVS-EN 13480-5:2017+A1:2019/A2:2021
Asendab dokumenti: EVS-EN 13480-5:2017+A1+A2:2021

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEVS-EN 13480-6

Metallist tööstustorustik. Osa 6: Täiendavad nõuded kaetud torudele
Metallic industrial piping - Part 6: Additional requirements for buried piping

This document specifies requirements for industrial piping either totally buried or partly buried and partly run in sleeves or similar protection. It is used in conjunction with the other six parts of EN 13480:2024 series. Where buried piping subject to this standard connects to piping installed under other jurisdiction such as pipelines, the transition can be made at a closing element e.g. an isolating or regulating valve separating the two sections. This can be close to the boundary of the industrial site, but can be inside or outside the boundary. Operating temperature up to 75 °C. NOTE For higher temperatures reference can be made to EN 13941-1:2019+A1:2021 and EN 13941 1:2019+A1:2021, but it is kept in mind, that CEN/TC 107 only deals with pre-insulated piping with temperatures up to 140 °C and diameters up to 800 mm, which is state of the art for these products.

Keel: en
Alusdokumendid: EN 13480-6:2024
Asendab dokumenti: EVS-EN 13480-6:2017/A1:2019
Asendab dokumenti: EVS-EN 13480-6:2017+A1:2019

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEVS-EN 13480-8

Metallist tööstustorustik. Osa 8: Täiendavad nõuded alumiiniumist ja alumiiniumsulamist torudele
Metallic industrial piping - Part 8: Additional requirements for aluminium and aluminium alloy piping

This document specifies requirements for industrial piping systems made of aluminium and aluminium alloys in addition to the general requirements for industrial piping according to the series of standards EN 13480:2024 and CEN/TR 13480-7:2017. It specifies requirements for wrought products only. NOTE Castings is not covered in this document.

Keel: en
Alusdokumendid: EN 13480-8:2024
Asendab dokumenti: EVS-EN 13480-8:2017

Arvamusküsitluse lõppkuupäev: 13.10.2024

25 TOOTMISTEHNOLOOGIA

prEN IEC 61987-100:2024
Industrial-process measurement and control - Data structures and elements

The IEC 61987 series provides the semantics of the data needed for the area of process automation, the Industrial Internet of Things (IIOT) and Smart Manufacturing. Classification and description of products with classes and properties for future objects within the scope of TC 65 (Industrial-process measurement, control and automation) will be developed as IEC 61987 DB standard and published via IEC CDD data dictionary IEC 61987.

Keel: en
Alusdokumendid: 65E/1089/CDV; prEN IEC 61987-100:2024

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN ISO 11161
Safety of machinery - Integration of machinery into a system - Basic requirements (ISO/DIS 11161:2024)

ISO 11161:2007 specifies the safety requirements for integrated manufacturing systems (IMS) that incorporate two or more interconnected machines for specific applications, such as component manufacturing or assembly. It gives requirements and recommendations for the safe design, safeguarding and information for the use of such IMSs. ISO 11161:2007 is not intended to cover safety aspects of individual machines and equipment that may be covered by standards specific to those machines and equipment. Therefore it deals only with those safety aspects that are important for the safety-relevant interconnection of the machines and components. Where machines and equipment of an integrated manufacturing system are operated separately or individually, and while the protective effects of the safeguards provided for production mode are muted or suspended, the relevant safety standards for these machines and equipment apply.

Keel: en
Alusdokumendid: ISO/DIS 11161; prEN ISO 11161
Asendab dokumenti: EVS-EN ISO 11161:2007
Asendab dokumenti: EVS-EN ISO 11161:2007/A1:2010

Arvamusküsitluse lõppkuupäev: 13.10.2024

29 ELEKTROTEHNIKA

EVS-EN IEC 60335-2-29:2021/prA11
Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-29: Erinõuded akulaaduritele Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers

Standardi EN 60335-2-29:2021 muudatus

Keel: en
Alusdokumendid: EN IEC 60335-2-29:2021/A11:2024
Muudab dokumenti: EVS-EN IEC 60335-2-29:2021
Muudab dokumenti: EVS-EN IEC 60335-2-29:2021+A1:2021

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN IEC 60034-1:2024
Rotating electrical machines - Part 1: Rating and performance

This part of IEC 60034 is applicable to all rotating electric machines, except rotating electric machines for rail and road vehicles, which are covered by the IEC 60349 series of standards. Machines with integrated EMC-active components such as a variable frequency converter are considered being a power drive system (see the IEC 61800 series of standards). In such cases, this standard applies to the motor component of the power drive system only. Machines within the scope of this document can also be subject to superseding, modifying or additional requirements in other standards, for example, IEC 60079 and IEC 60092. NOTE If particular clauses of this document are modified to meet special applications, for example machines subject to radioactivity or machines for aerospace, all other clauses apply insofar as they are compatible.

Keel: en
Alusdokumendid: 2/2204/CDV; prEN IEC 60034-1:2024
Asendab dokumenti: prEN IEC 60034-1:2021

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN IEC 62561-2:2024
Lightning protection system components (LPSC) - Part 2: Requirements for conductors and earth electrodes

Part 2 of IEC 62561 specifies the requirements and tests for: – metallic conductors (other than "natural" conductors) that form part of the air-termination and down-conductor systems, – metallic earth electrodes that form part of the earth-termination system. NOTE 1 Additional requirements can be necessary for conductors and earth electrodes intended for use in hazardous

environments NOTE 2 In CENELEC member countries, testing requirements of components for explosive atmospheres are specified in CLC/TS 50703-2.

Keel: en
Alusdokumendid: 81/771/CDV; prEN IEC 62561-2:2024
Asendab dokumenti: EVS-EN IEC 62561-2:2018
Asendab dokumenti: EVS-EN IEC 62561-2:2018/AC:2019

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN IEC 62590-2-2:2024

Railway applications - Electronic power converters for fixed installations - Part 2-2: DC Applications - Controlled converters

This document describes functions and working principles, specifies requirements, interfaces, and test methods for controlled converters for DC electric traction power supply systems: • AC/DC converters – Rectifiers – Inverters – Combinations • DC converters Purpose of the converters can be a power connection to other power networks or energy storages. Common characteristic of this equipment is the possibility to influence the power flow in the DC electric traction power supply system. The converters can be: • Line commutated • Self-commutated This document applies to fixed installations of following electric traction systems: • railway networks, • metropolitan transport networks including metros, tramways, trolleybuses and fully automated transport systems, magnetic levitated transport systems, electric road systems.

Keel: en
Alusdokumendid: 9/3105/CDV; prEN IEC 62590-2-2:2024

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN IEC 62683-2-2:2024

Low-voltage switchgear and controlgear - Product data and properties for information exchange - Engineering data - Part 2-2: Switchgear and controlgear assembly objects for building information modelling

This part of IEC 62683-2 series specifies the building information modelling (BIM) with the physical characteristics and technical services of low-voltage switchgear and controlgear assemblies to be used mainly for the construction phase of the building and also for delivering data for operation. This document intends to cover all types of assemblies covered by IEC 61439 series which can be installed in a building. Busbar trunking systems defined by IEC 61439-6 are under consideration for a next edition. These BIM object models, registered in IEC CDD, are intended to supply the process defined by ISO 16739 series. This document does not cover: – the build-in components included within the assembly such as switchgear and controlgear, – safety related control system of machinery, – the detailed electrical and mechanical configuration of the assembly – logistic information

Keel: en
Alusdokumendid: 121/169/CDV; prEN IEC 62683-2-2:2024

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN IEC 63522-19:2024

Electrical relays - Tests and Measurements - Part 19: Electrical endurance

This part of IEC 63522 defines a test method to measure electrical endurance of electrical relays, and provides the appropriate severities and conditions for measurements designed to assess the ability of DUT's to perform under expected conditions of transportation, storage and all aspects of operational use. This document defines a test method for different kinds of electrical endurance.

Keel: en
Alusdokumendid: 94/1040/CDV; prEN IEC 63522-19:2024

Arvamusküsitluse lõppkuupäev: 13.09.2024

prEN IEC 63522-41:2024

Electrical relays - Tests and Measurements - Part 41: Insulation coordination

This document provides guidelines for the insulation coordination of electromechanical elementary relays and similar components within the scope of IEC technical committee 94. This document can also be used for similar devices when specified in a detail specification. Either the test, measurement of creepages, clearances, solid insulation and insulation systems or combinations or all of them are carried out in conjunction with other parts of the IEC 63522 series. The basis of the insulation coordination is given in the IEC 60664 series.

Keel: en
Alusdokumendid: 94/1044/CDV; prEN IEC 63522-41:2024

Arvamusküsitluse lõppkuupäev: 13.09.2024

prEN IEC 63522-52:2024

Electrical relays - Tests and Measurements - Part 52: Coil overvoltage

This part of IEC 63522 is used for testing all kind of relays within the scope of technical committee 94 and shall evaluate their ability to perform under expected conditions of transportation, storage and all aspects of operational use. The object of this test is to define a standard test method for coil overvoltage.

Keel: en

Alusdokumendid: 94/1043/CDV; prEN IEC 63522-52:2024

Arvamusküsitluse lõppkuupäev: 13.10.2024

31 ELEKTROONIKA

prEN IEC 62007-2:2024

Semiconductor optoelectronic devices for fibre optic system applications - Part 2: Measuring methods

This part of IEC 62007 specifies measuring methods for characterizing semiconductor optoelectronic devices that are used in the field of fibre optic digital communication systems and subsystems.

Keel: en
Alusdokumendid: 86C/1933/CDV; prEN IEC 62007-2:2024
Asendab dokumenti: EVS-EN 62007-2:2009

Arvamusküsitluse lõppkuupäev: 13.09.2024

prEN ISO 13695

Optics and photonics - Lasers and laser-related equipment - Test methods for the spectral characteristics of lasers (ISO/FDIS 13695:2024)

ISO 13695:2004 specifies methods by which the spectral characteristics such as wavelength, bandwidth, spectral distribution and wavelength stability of a laser beam can be measured. ISO 13695:2004 is applicable to both continuous wave (cw) and pulsed laser beams. The dependence of the spectral characteristics of a laser on its operating conditions may also be important.

Keel: en
Alusdokumendid: ISO/FDIS 13695; prEN ISO 13695
Asendab dokumenti: EVS-EN ISO 13695:2004

Arvamusküsitluse lõppkuupäev: 13.10.2024

33 SIDETEHNIKA

prEN 301 489-52 V1.2.5

Elektromagnetilise ühilduvuse (EMC) standard raadioseadmetele ja teenustele; Osa 52. Eritingimused kärgside liikuvatele ja kantavatele (UE) raadioseadmetele ja lisaseadmetele; Elektromagnetilise ühilduvuse harmoneeritud standard
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication User Equipment (UE) radio and ancillary equipment; Harmonised Standard for ElectroMagnetic Compatibility

The present document specifies the applicable test conditions, performance assessment, and performance criteria for Cellular Communication User Equipment (UE), including Customer Premise Equipment (CPE), Set Top Box (STB) containing cellular communication technologies, and the associated ancillary equipment in respect of ElectroMagnetic Compatibility (EMC) for equipment utilizing the technologies in table 1. Table 1: Technologies User Equipment (UE) radio and ancillary equipment Cellular Communication Cellular Mobile Communication Technology; Technology Generation; Standard Set; ETSI Deliverable Global System for Mobile communications (GSM); 2G/3G; IMT-2000 SC single carrier; ETSI EN 301 511 CDMA Multi-Carrier (cdma2000); 2G/3G; IS-95/CDMA2000 - IMT-MC multi-carrier; ETSI EN 301 908-4 CDMA Direct Spread (UTRA FDD); 3G; IMT-2000 Direct Spread; ETSI EN 301 908-2 Evolved Universal Terrestrial Radio Access (E-UTRA); 4G; IMT-advanced; ETSI EN 301 908-13 New Radio (NR); 5G; IMT-2020; ETSI TS 138 521-1, ETSI TS 138 521-2, ETSI TS 138 521-3 Technical specifications related to the antenna port of radio equipment, radiated emissions from the enclosure port of radio equipment, and combinations of radio and associated ancillary equipment are not included in the present document. Such technical specifications are normally found in the relevant product standards for the effective use of the radio spectrum. NOTE 1: The relationship between the present document and the essential requirements of article 3.1(b) of Directive 2014/53/EU is given in annex A. NOTE 2: The present document does not cover the radio base stations as specified in ETSI EN 301 489-50. Technical specifications related to conducted emission EMC requirements below 9 kHz on the AC mains port of radio equipment are not included in the present document. NOTE 3: Such technical specifications are normally found in the relevant product family standards for AC mains powered equipment (e.g. EN 61000-3-2 and EN 61000-3-3).

Keel: en
Alusdokumendid: Draft ETSI EN 301 489-52 V1.2.5

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN 303 800-5 V1.1.0

Environmental Engineering (EE); Assessment of material efficiency of ICT network infrastructure goods (circular economy); Part 5: Server and data storage product disassembly and disassembly instruction

The present document specifies methods to measure the ability of the following products to be disassembled: 1) servers; 2) data storage equipment. The present document covers: i) The ability to disassemble, with particular regard to assessing that joining, fastening or sealing techniques do not prevent the disassembly for repair or reuse purposes. ii) The provision of instructions on the disassembly operations, including the type of operation, the type and number of fastening technique(s) to be unlocked and

the tool(s) required. The following products are out of scope of the present document: • servers intended for embedded applications; • servers classified as small-scale servers in terms of Regulation (EU) No 617/2013; • servers with more than four processor sockets; • server appliances; • large servers; • fully fault tolerant servers; • network servers; • small data storage products; • large data storage products. The decision whether a product should be repaired, reused or upgraded, is out of scope. It is dependent on a range of factors including the various environmental aspects and other relevant considerations, such as safety and health, technical requirements for functionality, quality and performance of the server or storage product. NOTE: See Directive 2009/125/EC.

Keel: en
Alusdokumendid: Draft ETSI EN 303 800-5 V1.1.0

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN IEC 62007-2:2024

Semiconductor optoelectronic devices for fibre optic system applications - Part 2: Measuring methods

This part of IEC 62007 specifies measuring methods for characterizing semiconductor optoelectronic devices that are used in the field of fibre optic digital communication systems and subsystems.

Keel: en
Alusdokumendid: 86C/1933/CDV; prEN IEC 62007-2:2024
Asendab dokumenti: EVS-EN 62007-2:2009

Arvamusküsitluse lõppkuupäev: 13.09.2024

35 INFOTEHNOLOOGIA

prEN 15876

Electronic fee collection - Conformity evaluation of on-board and roadside equipment to EN 15509

This document specifies the test suite structure (TSS) and test purposes (TPs) for evaluation of on-board equipment (OBE) and roadside equipment (RSE) to EN 15509. Normative Annex A presents the test purposes for the OBE. Normative Annex B presents the test purposes for the RSE. Normative Annex C provides the protocol conformance test report (PCTR) proforma for OBE. Normative Annex D provides the PCTR proforma for RSE.

Keel: en
Alusdokumendid: prEN 15876
Asendab dokumenti: EVS-EN 15876:2023

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN ISO 17523

Health informatics - Requirements for electronic prescriptions (ISO/DIS 17523:2024)

ISO 17523:2016 specifies the requirements that apply to electronic prescriptions. It describes generic principles that are considered important for all electronic prescriptions. ISO 17523:2016 is constrained to the content of the electronic prescription itself, the digital document which is issued by a prescribing healthcare professional and received by a dispensing healthcare professional. The prescribed medicinal product is to be dispensed through an authorized healthcare professional with the aim of being administered to a human patient. Other messages, roles and scenarios (e.g. validation of a prescription, administration, medication charts, EHR of the patient, reimbursement of care and dispensed products) are out of scope of this International Standard, because they are more or less country or region specific, due to differences in culture and in legislation of healthcare. However, requirements and content of electronic prescriptions within the context of jurisdictions have a relationship with these scenarios. The way in which electronic prescriptions are made available or exchanged also fall outside the scope of this International Standard. ISO 17523:2016 is applicable to electronic prescriptions of medicinal products. Although other kinds of products (e.g. medical devices, wound care products) can be ordered by means of an electronic prescription, the requirements in this International Standard are aimed at medicinal products that have a market authorization and at pharmaceutical preparations which are compounded in a pharmacy. An electronic prescription is an information object that authorizes a healthcare professional to legally dispense a medicinal product. ISO 17523:2016 specifies a list of data elements that can be considered as essential for electronic prescriptions, depending on jurisdiction or clinical setting (primary healthcare, hospital, etc.).

Keel: en
Alusdokumendid: ISO/DIS 17523; prEN ISO 17523
Asendab dokumenti: EVS-EN ISO 17523:2016

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN ISO/IEC 27706

Requirements for bodies providing audit and certification of information security management systems - Part 2: Privacy information management systems (ISO/IEC/DIS 27006-2:2023)

This document specifies requirements and provides guidance for bodies providing audit and certification of a privacy information management system (PIMS) according to ISO/IEC 27701 in combination with ISO/IEC 27001, in addition to the requirements contained within ISO/IEC 27006 and ISO/IEC 27701. It is primarily intended to support the accreditation of certification bodies providing PIMS certification. The requirements contained in this document need to be demonstrated in terms of competence and reliability by anybody providing PIMS certification, and the guidance contained in this document provides additional interpretation

of these requirements for any body providing PIMS certification. NOTE This document can be used as a criteria document for accreditation, peer assessment or other audit processes.

Keel: en
Alusdokumendid: ISO/IEC DIS 27706:2024; prEN ISO/IEC 27706
Asendab dokumenti: CEN ISO/IEC/TS 27006-2:2022

Arvamusküsitluse lõppkuupäev: 13.09.2024

prEVS-ISO/IEC 33001

Infotehnoloogia. Protsesside hindamine. Mõisted ja terminoloogia
Information technology -- Process assessment -- Concepts and terminology (ISO/IEC 33001:2015, identical)

See standard on protsesside hindamise kesksete terminite hoiukohaks. Ta esitab üldteavet mõistete kohta, mida vajatakse protsesside hindamisel, protsessi kvaliteedikarakteristikute saavutatuse hindamisel ning protsessihindamise tulemuste rakendamisel protsessi haldamise läbiviimisel. Standard esitab sissejuhatuse protsesside hindamist käsitlevale standardiperele ISO/IEC 330xx; ta kirjeldab standardipere osade omavahelisi seoseid ning esitab juhised standardite valikuks ja kasutamiseks. Ta selgitab standardipere dokumentides sisalduvaid nõudeid, samuti nõuete kohaldatavust hindamiste sooritamisel. Standardi lugejatel tuleks tutvuda standardipere struktuuri ja terminoloogiaga ning seejärel viidata selle asjakohaseid elemente konkreetselt kavatsetava hindamise kontekstis. Märkus: See dokument viitab standardipere ISO/IEC 330xx standardites ISO/IEC 33001 kuni ISO/IEC 33019 kasutatud terminitele, samuti võtmeterminitele, mida on kasutatud standardipere teistes dokumentides. Standardivahemiku ISO/IEC 33020 kuni ISO/IEC 33099 dokumentide eriomased terminid on määratletud neis dokumentides endis.

Keel: en
Alusdokumendid: ISO/IEC 33001:2015
Asendab dokumenti: EVS-ISO/IEC 15504-1:2007

Arvamusküsitluse lõppkuupäev: 13.10.2024

45 RAUDTEETEHNIKA

prEN 50736:2024

Railway application - Communication, signalling and processing system - Test requirements for signalling and telecommunication equipment

This document applies to railway signalling and telecommunication trackside equipment. This document does not cover signalling and telecommunication equipment mounted in vehicles; these are covered by EN 50155:2021. This document covers the type testing phases of the equipment for signal and telecommunication (S&T) system (including power supply systems belonging to S&T), in order to ensure compliance with specified requirements already defined in the customer specifications or by the involved parties. In particular this document intends to define test requirements with related performance / acceptance criteria, considering only the environmental conditions stated by the EN 50125 3:2003, and considering the severities of the environmental parameters herein defined. Safety considerations are not covered by this document.

Keel: en
Alusdokumendid: prEN 50736:2024

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN IEC 62590-3-1:2024

Railway applications - Fixed installations - Electronic power converters - Part 3-1: AC traction applications - Electronic power compensators

This document specifies the requirements and test methods for electronic power compensators for 1AC traction systems. This equipment is used to improve electric power quality inside the electric traction system and/or at the interface to the 3AC power network, applying power electronics technology. This document applies to equipment which is installed to achieve one or more of the following objectives as its function(s): • to mitigate voltage fluctuation; • to improve power factor; • to reduce imbalance at the interface to the 3AC power network. NOTE In some cases, this type of equipment is used to reduce harmonics from the traction load towards the 3AC power network, and for energy saving. The equipment designed to conform to each particular installation site and the packaged equipment for generic use both fall within the scope of this document. This document applies to equipment with all possible configurations to implement different technical solutions for compensation, but equipment consisting of only passive components is excluded.

Keel: en
Alusdokumendid: prEN 62590-3-1:2024; IEC 62590-3-1:2022

Arvamusküsitluse lõppkuupäev: 13.10.2024

47 LAEVAEHITUS JA MERE-EHITISED

prEN 18071

Inland navigation vessels - Methanol bunkering

This document describes requirements for methanol bunkering transfer systems to and from inland navigation vessels. The various scenarios for the bunker facility operator concern land, truck and vessel (barge). It concerns design, dimensions and technical requirements for the transfer of methanol, including the nozzle, connection, male and female flanges and failsafe

features. This document also specifies the process and procedures for the bunkering operations, responsibilities and risk assessment scope, taking into consideration the specific hazards in handling and bunkering methanol fuel. Next to this, the requirement for the methanol provider to provide a bunker delivery note and training and qualification of personnel involved. This document is not applicable to cargo operations.

Keel: en
Alusdokumendid: prEN 18071

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN IEC/IEEE 80005-1:2024

Utility connections in port - Part 1: High voltage shore connection (HVSC) systems - General requirements

This part of IEC/IEEE 80005 describes high-voltage shore connection (HVSC) systems, onboard the ship and on shore, to supply the ship with electrical power from shore. This document is applicable to the design, installation and testing of HVSC systems and addresses • HV shore distribution systems, • shore-to-ship connection and interface equipment, • transformers/reactors, • semiconductor/rotating frequency convertors, • ship distribution systems, and • control, monitoring, interlocking and power management systems. It does not apply to the electrical power supply during docking periods, for example dry docking and other out of service maintenance and repair. Additional and/or alternative requirements can be imposed by national administrations or the authorities within whose jurisdiction the ship is intended to operate and/or by the owners or authorities responsible for a shore supply or distribution system. It is expected that HVSC systems will have practicable applications for ships requiring 1 MVA or more or ships with HV main supply. Low-voltage shore connection systems are not covered by this document

Keel: en
Alusdokumendid: prEN IEC/IEEE 80005-1:2024; IEC/IEEE 80005-1:2019+AMD1:2022+AMD2:2023 CSV

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN ISO 12215-9

Small craft - Hull construction and scantlings - Part 9: Sailing craft appendages (ISO/DIS 12215-9:2024)

ISO 12215-9:2011 defines the loads and specifies the scantlings of sailing craft appendages on monohull sailing craft with a length of hull of up to 24 m, measured according to ISO 8666. It gives design stresses, the structural components to be assessed, load cases and design loads for keel, centreboard and their attachments, computational methods and modelling guidance, and the means for compliance with its provisions.

Keel: en
Alusdokumendid: prEN ISO 12215-9; ISO/DIS 12215-9:2024
Asendab dokumenti: EVS-EN ISO 12215-9:2018

Arvamusküsitluse lõppkuupäev: 13.10.2024

53 TÕSTE- JA TEISALDUS-SEADMED

prEN 17998

Earth-moving machinery - Safety - Demolition machinery

This document specifies safety requirements for earth-moving machinery when used for demolition applications. This document is only applicable to the following earth-moving machinery types as described in EN ISO 6165:2022: - hydraulic excavators; - cable excavators. This document does not provide safety requirements for machinery used in conjunction with explosives for the demolition application. This document does not provide requirements for main electrical circuits and drives of machinery when the primary source of energy is an external electrical supply. This document does not provide performance requirements for safety related functions of control system(s). This document deals with significant hazards, hazardous situations and events relevant to earth-moving machinery, when used for demolition application and under conditions foreseen but also taking into account any reasonably foreseeable misuse thereof (see Annex A). The following significant and relevant hazards are not covered in this document: - laser; - lightning. This document is not applicable to earth-moving machinery which are manufactured before the date of publication of this document by CEN. NOTE For travelling on public roads, national traffic regulations apply (e.g. braking, steering, lighting, towing, etc.) until harmonized requirements are available.

Keel: en
Alusdokumendid: prEN 17998

Arvamusküsitluse lõppkuupäev: 13.10.2024

59 TEKSTIILI- JA NAHATEHNOLOOGIA

prEN ISO 10318-1

Geosynthetics - Part 1: Vocabulary (ISO/DIS 10318-1:2024)

The intent of ISO 10318-1:2015 is to define terms related to functions, products, properties, and other terms used in EN and ISO geosynthetics standards. Definitions of terms not included in ISO 10318-1:2015 can be found in the International Standards describing appropriate test methods. See also the ISO online browsing platform (OBP): www.iso.org/obp/ui/

Keel: en
Alusdokumendid: ISO/DIS 10318-1; prEN ISO 10318-1
Asendab dokumenti: EVS-EN ISO 10318-1:2015

Asendab dokumenti: EVS-EN ISO 10318-1:2015/A1:2018

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN ISO 17236

Leather - Physical and mechanical tests - Determination of extension set (ISO/DIS 17236:2024)

ISO 17236:2016 specifies a method for determining the extension set of leather. It is intended for use on upholstery leather but is applicable to all flexible leathers.

Keel: en
Alusdokumendid: ISO/DIS 17236; prEN ISO 17236
Asendab dokumenti: EVS-EN ISO 17236:2016

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN ISO 9073-11

Nonwovens - Test methods - Part 11: Run-off (ISO/DIS 9073-11:2024)

ISO 9073-11 describes test methods for measuring the quantity of test liquid (simulated urine) which runs down a nonwoven test piece when a specified mass of test liquid is poured on to the nonwoven test piece superimposed on a standard absorbent media and placed on an inclined plane. This test method is designed to compare run-off of nonwovens. It is not intended to simulate in-use conditions of finished products. Three alternative methods are described: Test I -- the basic method for testing hydrophilic nonwovens; Test III -- the repeated test, with the same test parameters as in I); Test III -- the modified method for testing hydrophobic nonwovens specifying another table inclination than in I).

Keel: en
Alusdokumendid: ISO/DIS 9073-11; prEN ISO 9073-11
Asendab dokumenti: EVS-EN ISO 9073-11:2005

Arvamusküsitluse lõppkuupäev: 13.10.2024

77 METALLURGIA

prEN ISO 14577-1

Metallic materials - Instrumented indentation test for hardness and materials parameters - Part 1: Test method (ISO/DIS 14577-1:2024)

ISO 14577-1:2015 specifies the method of instrumented indentation test for determination of hardness and other materials parameters for the following three ranges: macro range: 2 N ≤ F ≤ 30 kN; micro range: 2 N > F; h > 0,2 µm; and nano range: h ≤ 0,2 µm. For the nano range, the mechanical deformation strongly depends on the real shape of indenter tip and the calculated material parameters are significantly influenced by the contact area function of the indenter used in the testing machine. Therefore, careful calibration of both instrument and indenter shape is required in order to achieve an acceptable reproducibility of the materials parameters determined with different machines. The macro and micro ranges are distinguished by the test forces in relation to the indentation depth. Attention is drawn to the fact that the micro range has an upper limit given by the test force (2 N) and a lower limit given by the indentation depth of 0,2 µm. The determination of hardness and other material parameters is given in Annex A. At high contact pressures, damage to the indenter is possible. For this reason in the macro range, hardmetal indenters are often used. For test pieces with very high hardness and modulus of elasticity, permanent indenter deformation can occur and can be detected using suitable reference materials. It is necessary that its influence on the test result be taken into account. This test method can also be applied to thin metallic and non-metallic coatings and non-metallic materials. In this case, it is recommended that the specifications in the relevant standards be taken into account (see also 6.3 and ISO 14577-4).

Keel: en
Alusdokumendid: ISO/DIS 14577-1; prEN ISO 14577-1
Asendab dokumenti: EVS-EN ISO 14577-1:2015

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN ISO 14577-2

Metallic materials - Instrumented indentation test for hardness and materials parameters - Part 2: Verification and calibration of testing machines (ISO/DIS 14577-2:2024)

ISO 14577-2:2015 specifies the method of verification and calibration of testing machines for carrying out the instrumented indentation test in accordance with ISO 14577-1:2015. It describes a direct verification method for checking the main functions of the testing machine and an indirect verification method suitable for the determination of the repeatability of the testing machine. There is a requirement that the indirect method be used in addition to the direct method and for the periodic routine checking of the testing machine in service. It is a requirement that the indirect method of verification of the testing machine be carried out independently for each test method. ISO 14577-2:2015 is also applicable for transportable testing machines.

Keel: en
Alusdokumendid: ISO/DIS 14577-2; prEN ISO 14577-2
Asendab dokumenti: EVS-EN ISO 14577-2:2015

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN ISO 14577-3

Metallic materials - Instrumented indentation test for hardness and materials parameters - Part 3: Calibration of reference blocks (ISO/DIS 14577-3:2024)

ISO 14577-3:2015 specifies a method for the calibration of reference blocks to use for the indirect verification of testing machines for the instrumented indentation test as specified in ISO 14577-2:2015.

Keel: en
Alusdokumendid: ISO/DIS 14577-3; prEN ISO 14577-3
Asendab dokumenti: EVS-EN ISO 14577-3:2015

Arvamusküsitluse lõppkuupäev: 13.10.2024

83 KUMMI- JA PLASTITÖÖSTUS

prEN ISO 75-3

Plastics - Determination of temperature of deflection under load - Part 3: High-strength thermosetting laminates and long-fibre-reinforced plastics (ISO/DIS 75-3:2024)

ISO 75-3:2004 specifies a method for the determination of the temperature of deflection under load of high-strength thermosetting laminates and compression-moulded long-fibre-reinforced plastics in which the fibre length is greater than 7,5 mm. The flexural stress used is not fixed, as in ISO 75-2, but is a fraction (1/1000) of the initial (room-temperature) flexural modulus of the material under test. This allows the method to be applied to materials with a wide range of flexural moduli.

Keel: en
Alusdokumendid: ISO/DIS 75-3; prEN ISO 75-3
Asendab dokumenti: EVS-EN ISO 75-3:2004
Asendab dokumenti: EVS-EN ISO 75-3:2004/AC:2013

Arvamusküsitluse lõppkuupäev: 13.10.2024

91 EHITUSMATERJALID JA EHITUS

EN 74-1:2022/prA1

Couplers, spigot pins and baseplates for use in falsework and scaffolds - Part 1: Couplers for tubes - Requirements and test procedures

This document specifies, for right angle couplers, swivel couplers, sleeve couplers and parallel couplers working by friction: — materials; — design requirements; — strength classes with different structural parameters including values for resistance and stiffness; — test procedures; — assessment; and gives: — recommendations for ongoing production control. These couplers are intended for use in temporary works equipment for example in scaffolds erected in accordance with EN 12811 1 and falsework erected in accordance with EN 12812.

Keel: en
Alusdokumendid: EN 74-1:2022/prA1
Muudab dokumenti: EVS-EN 74-1:2022

Arvamusküsitluse lõppkuupäev: 13.10.2024

EVS-EN 15026:2023/prNA

Hoone elementide ja piirdetarindite soojus- ja niiskustehniline toimivus. Niiskuslevi hindamine numbrilise modelleerimisega. Eesti standardi rahvuslik lisa.
Hygrothermal performance of building components and building elements - Assessment of moisture transfer by numerical simulation. Estonian National Annex

Standardi EVS-EN 15026 rahvuslik lisa, mis kirjeldab siseruumide ääretingimusi elamute projekteerimisel Eestis.

Keel: et
Täiendab rahvuslikult dokumenti: EVS-EN 15026:2023

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN 196-2

Methods of testing cement - Part 2: Chemical analysis of cement

This document specifies the methods for the chemical analysis of cement. This document describes the reference methods and, in certain cases, an alternative method which can be considered to be equivalent. In the case of a dispute, only the reference methods are used. An alternative performance-based method using X-ray fluorescence (XRF) is described for SiO2, Al2O3, Fe2O3, CaO, MgO, SO3, K2O, Na2O, TiO2, P2O5, Mn2O3, SrO, Cl and Br. This method is based on beads of fused sample and analytical validation using certified reference materials, together with performance criteria. A method based on pressed pellets of un-fused sample can be considered as equivalent, providing that the analytical performance satisfies the same criteria. An alternative performance-based method using inductively coupled plasma optical emission spectroscopy (ICP-OES) is described for SO3. When correctly calibrated according to the specified procedures and reference materials, XRF and ICP-OES provides methods equivalent to the reference methods but has not been validated for use yet as a reference procedure for conformity and dispute purposes. They can be applied to other relevant elements when adequate calibrations have been established. Any other methods can be used provided they are calibrated, either against the reference methods or against internationally accepted reference materials, in order to demonstrate their equivalence. This document describes methods which apply principally to

cements, but which can also be applied to their constituent materials. They can also be applied to other materials, the standards for which call up these methods. Standard specifications state which methods are to be used.

Keel: en
Alusdokumendid: prEN 196-2
Asendab dokumenti: EVS-EN 196-2:2013

Arvamusküsitluse lõppkuupäev: 13.10.2024

prEN IEC 62561-2:2024

Lightning protection system components (LPSC) - Part 2: Requirements for conductors and earth electrodes

Part 2 of IEC 62561 specifies the requirements and tests for: – metallic conductors (other than "natural" conductors) that form part of the air-termination and down-conductor systems, – metallic earth electrodes that form part of the earth-termination system. NOTE 1 Additional requirements can be necessary for conductors and earth electrodes intended for use in hazardous environments NOTE 2 In CENELEC member countries, testing requirements of components for explosive atmospheres are specified in CLC/TS 50703-2.

Keel: en
Alusdokumendid: 81/771/CDV; prEN IEC 62561-2:2024
Asendab dokumenti: EVS-EN IEC 62561-2:2018
Asendab dokumenti: EVS-EN IEC 62561-2:2018/AC:2019

Arvamusküsitluse lõppkuupäev: 13.10.2024

97 OLME. MEELELAHUTUS. SPORT

EVS-EN IEC 60335-2-29:2021/prA11

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 2-29: Erinõuded akulaaduritele Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers

Standardi EN 60335-2-29:2021 muudatus

Keel: en
Alusdokumendid: EN IEC 60335-2-29:2021/A11:2024
Muudab dokumenti: EVS-EN IEC 60335-2-29:2021
Muudab dokumenti: EVS-EN IEC 60335-2-29:2021+A1:2021

Arvamusküsitluse lõppkuupäev: 13.10.2024

TÕLKED KOMMENTEERIMISEL

Allpool on toodud teave kommenteerimisetappi jõudnud eesti keelde tõlgitavate Euroopa või rahvusvaheliste standardite ja standardilaadsete dokumentide kohta ja inglise keelde tõlgitavate algupäraste Eesti standardite ja dokumentide kohta.

Tõlkekavanditega saab tutvuda ja kommentaare esitada Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel asuvas kommenteerimisportaalis: https://www.evs.ee/kommenteerimisportaal/

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast standardimisprogrammist.

EVS-EN ISO 16032:2024

Akustika. Hoonete tehnoseadmetest ja hoones toimuvast tegevusest tuleneva helirõhutaseme mõõtmine. Insenertehniline meetod (ISO 16032:2024)

See dokument määratleb hoonete tehnoseadmete ruumide helirõhutaseme mõõtmise insenertehnilise meetodi. Täpsemalt hõlmab dokument sanitaarseadmetest, mehaanilisest ventilatsioonist, kütte- ja jahutusseadmetest, liftidest, prügišahtidest, kütteseadmetest, puhuritest, pumpadest ja muudest abiseadmetest ning mootoriga käitatavatest garaažiustest tuleneva heli mõõtmisi. Dokumenti saab rakendada ka muud tüüpi seadmetest või hoonesisestest tegevustest, nt spordirajatistest või restoranidest tuleneva müra mõõtmiseks. Selles dokumendis ei käsitleta hoones õhu- või maapinna müra tekitavate väliste heliallikate müra mõõtmist. Meetodid sobivad ruumidele kubatuuriga ligi 300 m3 või vähem, nt eluhoonetes, hotellides, koolides, kontorites ja haiglates. Meetodid pole ette nähtud suurte auditooriumide või kontserdisaalide mõõtmiseks.

Keel: et
Alusdokumendid: ISO 16032:2024; EN ISO 16032:2024

Kommenteerimise lõppkuupäev: 13.09.2024

EVS-EN ISO 7010:2020+A1+A2+A3+A4+A5+A6:2023

Graafilised sümbolid. Ohutusvärvid ja ohutusmärgid. Registreeritud ohutusmärgid

Selles dokumendis kirjeldatakse ohutusmärke, mille eesmärk on õnnetuste ennetamine, tuleohutus, teave terviseohtude kohta ja hädaolukorras evakueerumine. Iga ohutusmärgi kuju ja värv vastab standardile ISO 3864-1 ning graafiliste sümbolite kujundus standardile ISO 3864-3. See dokument kehtib igal pool, kus tuleb tegeleda inimeste ohutusega seotud küsimustega. Seda dokumenti kohaldatakse kõikides kohtades, kus on vajalik tegeleda inimeste ohutusega. Seda dokumenti ei kohaldata raudtee-, maantee-, jõe-, mere- ja lennuliikluse juhtimiseks kasutatavate märkide puhul ning üldiselt nendes valdkondades, mida reguleerivad määrused, mis võivad teatud punktides erineda selles dokumendis ja ISO 3864 standardiseerias toodust. Selles dokumendis määratletakse ohutusmärkide originaalversioonid, mida saab mõõtmestada paljundamise ja kasutamise eesmärgil.

Keel: et
Alusdokumendid: ISO 7010:2019; EN ISO 7010:2020; ISO 7010:2019/Amd 1:2020; EN ISO 7010:2020/A1:2020; ISO 7010:2019/Amd 2:2020; EN ISO 7010:2020/A2:2022; ISO 7010:2019/Amd 3:2021; EN ISO 7010:2020/A3:2022; ISO 7010:2019/Amd 4:2021; EN ISO 7010:2020/A4:2023; ISO 7010:2019/Amd 5:2022; EN ISO 7010:2020/A5:2023; ISO 7010:2019/Amd 6:2022; EN ISO 7010:2020/A6:2023

Kommenteerimise lõppkuupäev: 13.09.2024

prEN 10216-2

Surveotstarbelised õmblusteta terastorud. Tehnilised tarnetingimused Osa 2: Süsinik- ja legeerterasest torud, millel on kindlaksmääratud omadused kõrgendatud temperatuuril

See dokument määratleb süsinikterasest ja legeeritud terasest valmistatud ümmarguse ristlõikega õmblusteta torude tehnilised tarnetingimused kahes katsekategoorias. Standardi EN 10216 seda osa võib rakendada ka mitteümmarguse ristlõikega torudele, vajalikud muudatused lepitakse kokku päringu ja tellimuse ajal.

Keel: et
Alusdokumendid: prEN 10216-2

Kommenteerimise lõppkuupäev: 13.09.2024

prEN 12520

Mööbel. Ohutus, tugevus ja vastupidavus. Nõuded koduistmetele

See dokument määrab kindlaks minimaalsed ohutuse, tugevuse ja vastupidavuse nõuded kõikidele täiskasvanute koduistmete tüüpidele. See määrab ka täiendavad katsemeetodid istme küljelt-küljele vastupidavuse, sõrme kinnijäämise ning nihke ja muljumise kohta. See standard ei rakendu ridaistmetele, koduvälistele istmetele, büroo töötoolidele, haridusasutuste toolidele, õuetoolidele ja ühendatud toolide ühenduslülidele, millele on olemas Euroopa standardid. Standard ei sisalda nõudeid polsterdusmaterjalide, mööbliraataste, lamandus- või kallutusmehhanismide ja istme kõrguse reguleerimise mehhanismide vastupidavusele. Standard ei sisalda nõudeid elektriohutusele. Standard ei sisalda nõudeid vastupanule vananemisele, kvaliteedi halvenemisele ja süttivusele ning ergonoomikale. Katsed põhinevad toolide kasutamisel inimeste poolt, kelle kaal on kuni 110 kg. Lisa A (normlisa) määratleb istme küljelt-küljele vastupidavuskatse punktides D-G. Lisa B (teatmelisa) annab selgitused osadele tabelis 1 viidatud katsetele. Lisa C (normlisa) määratleb katsemeetodid sõrme kinnijäämiseks ning nihkeks ja muljumiseks. Lisa D (normlisa) määratleb istme koormuspunkti rippuva painduva materjaliga istmete jaoks.

Keel: et
Alusdokumendid: prEN 12520

Kommenteerimise lõppkuupäev: 13.09.2024

prEN IEC 62305-2:2023

Piksekaitse. Osa 2: Riskianalüüs

Standardi IEC 62305 see osa käsitleb maapinnale suunatud välkudest tuleneva riski analüüsi ehitiste puhul. Standardi eesmärgiks on esitada sellise riski hindamise protseduur. Kui riski vastuvõetav ülempiir on valitud, võimaldab kirjeldatud protseduur valida rakendamiseks sobivad kaitsemeetmed, mis vähendavad riski vastuvõetava piirini või sellest allapoole. Riskianalüüs sisaldab samuti maapinnale suunatud välkudega kaasnevatest impulssidest põhjustatud vigastumise sageduse hindamist sisesüsteemides. Kui vigastumise sageduse vastuvõetav ülempiir on valitud, võimaldab kirjeldatud protseduur valida rakendamiseks sobivad kaitsemeetmed, mis vähendavad vigastumise sagedust vastuvõetava piirini või sellest allapoole.

Keel: et
Alusdokumendid: IEC 62305-2 ED3; prEN IEC 62305-2:2023

Kommenteerimise lõppkuupäev: 13.09.2024

prEVS-EN 12255-8

Reoveepuhastid. Osa 8: Reoveesette käitlemine ja ladustamine

See dokument määratleb reoveesette käitlemiseks ja ladustamiseks mõeldud rajatiste projekteerimispõhimõtted ja toimivusnõuded reoveepuhastites, mis teenindavad enam kui 50 PT. Juhised käituse kohta antakse seal, kus see on vajalik, et hõlbustada juhtimis- ja automaatikaseadmete projekteerimist ning kavandada juurdepääsu tööpunktidele. MÄRKUS Muid setteid ja orgaanilisi jäätmeid võib töödelda koos olmereoveesettega, kui riiklikud ja kohalikud õigusaktid seda lubavad.

Keel: et
Alusdokumendid: EN 12255-8:2024

Kommenteerimise lõppkuupäev: 13.09.2024

ALGUPÄRASTE STANDARDITE KEHTIVUSE PIKENDAMINE

Eesti standardite ülevaatuse tulemusena on pikendatud järgmiste standardite kehtivus:

EVS 885:2005

Ehituskulude liigitamine
Classification of construction costs

Standardis leiavad käsitlemist: • ehituskulude liigitus; • töömahtude mõõtmise ja tööde arvestamise reeglid. Standardi alusel ehituskulude liigitamine ning töömahtude arvutamise reeglite kasutamine loob võimaluse kulusid ühtviisi nimetada, määratleda ja mõista nii omaniku, tellija, projekteerijate kui ehitajate (pea- ja alltöövõtjate) ning projektiga seotud konsultantide poolt. Iga organisatsiooni (tellija-organisatsioon; projektbüroo; ehitusettevõte) siseselt võib liigitis toodud määranguid täpsustada ja põhjendatult ümber kujundada. Samas ei tohi sellised ettevõttesisesed muudatused saada takistuseks andmete esitamisel avalikkusele ning teistele osapooltele siis, kui vajatakse kirjeldusi käesolevas standardis toodud liigiti nõudeid järgides, näiteks riigihangete pakkumisdokumentides. Käesoleva standardi ehituskulude liigiti on kasutatav hoonete, insenerehitiste ja rajatiste ehitamise ning rekonstrueerimise ehitusprojekt- ja hankedokumentide koostamisel ning projekti arengu järgnevatel etappidel.

Kehtima jätmise alus: Teade ülevaatusküsitlusest 02.05.2024 EVS Teatajas ja teade pikendamisküsitlusest 01.07.2024 EVS Teatajas

TÜHISTAMISKÜSITLUS

Selles rubriigis avaldame teavet Euroopa standardimisorganisatsioonides algatatud Euroopa standardite tühistamisküsitluste kohta ning rahvusvahelise alusstandardiga Eesti standardite ja Eesti algupäraste dokumentide tühistamisküsitluste kohta. Küsitluse eesmärk on välja selgitada, kas allpool nimetatud standardite ja standardilaadsete dokumentide jätkuv kehtimine Eesti ja/või Euroopa standardina/dokumendina on vajalik.

Allviidatud standardite ja dokumentide kehtivana hoidmise vajalikkusest palume teavitada EVS-i standardiosakonda (standardiosakond@evs.ee).

EVS-EN 14073-3:2004

Büroomööbel. Mahutusmööbel. Osa 3: Katsemeetodid püsivuse ja konstruktsiooni tugevuse määramiseks
Office furniture - Storage furniture - Part 3: Test methods for the determination of stability and strength of the structure

Käesolev dokument määrab kindlaks katsemeetodid nii vabalt paikneva kui ka vaheseinte või seinte külge kinnitatud büroo mahutusmööbli konstruktsiooni tugevuse ja vabalt paikneva mööbli püstivuse määramiseks.

Keel: en, et
Alusdokumendid: EN 14073-3:2004; EVS-EN 14073-3:2004/AC:2020
Tühistamisküsitluse lõppkuupäev: 13.09.2024

EVS-EN 14074:2004

Büroomööbel. Lauad, puldid ja mahutusmööbel. Katsemeetodid liikuvate osade tugevuse ja vastupidavuse määramiseks
Office furniture - Tables and desks and storage furniture - Test methods for the determination of strength and durability of moving parts

See dokument spetsifitseerib katsemeetodid laudade, pultide ja mahutusmööbli liikuvate osade tugevuse ja vastupidavuse määramiseks. See dokument ei rakendu kõrge täitumusega mehaanilistele dokumendikappidele, karuselldokumendikappidele ega plaankappidele. Katsed on kavandatud jäljendama nii normaalset funktsionaalset kasutamist kui ka väärkasutust, mille toimumist võib põhjendatult oletada. Ohutusnõuded on antud standardis EN 14073-2. Vananemise hindamist ei ole käsitletud.

Keel: en, et
Alusdokumendid: EN 14074:2004; EVS-EN 14074:2004/AC:2020
Tühistamisküsitluse lõppkuupäev: 13.09.2024

EVS-EN 61243-5:2002

Live working - Voltage detectors - Part 5: Voltage detecting systems (VDS)

This standard is applicable to voltage detecting systems that are single pole capacitively coupled to live parts and that are used to detect the presence or absence of operating voltage on AC electrical systems for voltages from 1 kV to 52 kV and frequencies from 16 2/3 Hz til 60 Hz. This standard is also applicable to phase comparators designed for voltage detecting systems.

Keel: en
Alusdokumendid: IEC 61243-5:1997; EN 61243-5:2001
Tühistamisküsitluse lõppkuupäev: 13.09.2024

EVS-EN 62271-206:2011

High-voltage switchgear and controlgear - Part 206: Voltage presence indicating systems for rated voltages above 1 kV and up to and including 52 kV

This part of IEC 62271 is applicable to voltage presence indicating systems (VPIS) incorporated in a.c. switchgear and controlgear covered by IEC 62271-200 or IEC 62271-201. Voltage presence indicating systems are devices used to provide information to operators about the voltage condition of the main circuit of the switchgear in which they are installed. The indication of VPIS alone is not sufficient to prove that the system is dead: if operating procedures make it mandatory, relevant voltage detectors according to IEC 61243-1, IEC 61243-2 and IEC 61243-5 should be used. This standard is also applicable to phase comparators specifically designed for use with VPIS.

Keel: en
Alusdokumendid: IEC 62271-206:2011; EN 62271-206:2011
Tühistamisküsitluse lõppkuupäev: 13.09.2024

TEADE EUROOPA STANDARDI OLEMASOLUST

Selles rubriigis avaldame teavet Euroopa standardite ja CENELEC-i harmoneerimisdokumentide kohta, mille on Eesti Standardimis- ja Akrediteerimiskeskusele kättesaadavaks teinud Euroopa standardimisorganisatsioonid, ja mille Eesti standardina avaldamiseks on vajalik täiendav ettevalmistusaeg. Selliste teadete avaldamine võib olla vajalik, et tagada Euroopa standardite jõustumine Eesti standardina samal ajal nii eesti- kui ka ingliskeelsena.

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast standardimisprogrammist. Lisateave standardiosakonnast: standardiosakond@evs.ee.

EN ISO 6887-1:2017/A1:2024

Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination - Part 1: General rules for the preparation of the initial suspension and decimal dilutions - Amendment 1: Requirements and guidance on the use of larger test portion size for qualitative method (ISO 6887-1:2017/Amd 1:2024)

Eeldatav avaldamise aeg Eesti standardina 01.2025

EN 480-6:2024

Admixtures for concrete, mortar and grout - Test methods - Part 6: Infrared analysis

Eeldatav avaldamise aeg Eesti standardina 11.2024

AVALDATUD EESTIKEELSED STANDARDIPARANDUSED

Selles rubriigis avaldame teavet Eesti standardite paranduste koostamise kohta. Standardiparandus koostatakse toimetuslikku laadi vigade (trükivead jms) kõrvaldamiseks standardist. Eesti standardi paranduse tähis koosneb standardi tähisest ja selle lõppu lisatud tähtedest AC.

Näiteks standardile EVS XXX:YYYY tehtud parandus kannab eraldi avaldatuna tähist EVS XXX:YYYY/AC:ZZZZ. Parandatud standardi tähis ei muutu.

EVS-EN 50171:2021/AC:2024
Tsentraalsed ohutusseadmestiku toitesüsteemid
Central safety power supply systems

UUED EESTIKEELSED STANDARDID JA STANDARDILAADSED DOKUMENDID

Igal kuul uuendatav teave eestikeelsena avaldatavate Eesti standardite kohta, sh eeldatavad kommenteerimise ja avaldamise tähtpäevad, on leitav Eesti Standardimis- ja Akrediteerimiskeskuse veebilehel avaldatavast standardimisprogrammist.

EVS-EN 10248-1:2023

Legeerimata terasest kuumvaltsitud sulundvaiseinad. Osa 1: Tehnilised tarnetingimused
Hot-rolled steel sheet piles - Part 1: Technical delivery conditions

See dokument spetsifitseerib nõuded kuumvaltsitud sulundvaiadele nende keemilise koostise, mehaaniliste omaduste ja tarnetingimuste asjus. Siin spetsifitseeritud tooted on mõeldud üld-, konstruktsiooni- ja tsiviilehitustöödeks. Selles dokumendis käsitletud sulundvaiade tüübid on järgmised: Z-kujuline, U-kujuline, sirge vööga ja H-kujuline koos nende lukustusvarrastega. Lukustuste tüübid ja nõuded kuju ning mõõtmete tolerantside kohta on toodud selle dokumendi 2. osas.

EVS-EN 15016-1:2023

Raudteealased rakendused. Tehnilised joonised. Osa 1: Üldpõhimõtted
Railway applications - Technical documents - Part 1: General principles

Selles dokumendis kirjeldatakse tehniliste dokumentide koostamist, haldamist ja taasesitamist. See vastab EN, ISO või IEC tehnilise dokumentatsiooni standarditele. Seda dokumenti kohaldatakse kõigile raudteealaste rakenduste tehnilistele dokumentidele olenemata tehnoloogiast, st mehaanika-, pneumaatika-, hüdraulika-, elektri-, elektroonikaseadmetele jne.

EVS-EN 15016-2:2023

Raudteealased rakendused. Tehnilised joonised. Osa 2: Osade loetelud
Railway applications - Technical documents - Part 2: Parts lists

Selles dokumendis kirjeldatakse osade loetelude koostamist ja taasesitamist. Selles dokumendis määratletakse projekteeritud osade loetelude koostamise alused ja struktuur. Seda dokumenti kohaldatakse kõigile raudteealaste rakenduste projekteeritud osade loeteludele.

EVS-EN 15016-3:2023

Raudteealased rakendused. Tehnilised joonised. Osa 3: Tehniliste dokumentide muudatuste käsitlemine
Railway applications - Technical documents - Part 3: Handling of modifications of technical documents

Selles dokumendis määratakse kindlaks tehnilise projekteerimise dokumentide läbivaatamise alused. Seda dokumenti kohaldatakse kõigi raudteealaste rakenduste tehniliste projekteerimisdokumentide suhtes, sõltumata nende materiaalsest kujust, nagu näiteks läbipaistvad originaaleksemplarid, plotteri joonised, perfokaardid, arvutiloetavad andmekandjad, fotoprindid jne.

EVS-EN 16941-1:2024

Lokaalsed tehnilise vee süsteemid. Osa 1: Sademevee kasutussüsteemid
On-site non-potable water systems - Part 1: Systems for the use of rainwater

See dokument kirjeldab nõudeid ja annab soovitusi sademevee lokaalselt ja tehnilise veena kasutamiseks vajalike sademevee kogumissüsteemide projekteerimiseks, mõõtmete määramiseks, paigaldamiseks, tähistamiseks, kasutuselevõtuks ja hooldamiseks. Samuti kirjeldab dokument nendele süsteemidele kehtivaid miinimumnõudeid. Selle dokumendi käsitlusalast on välja jäetud — sademevee kasutamine joogiveena ja toiduvalmistamiseks, — sademevee kasutamine isikliku hügieeni otstarbel, — ühtlustusmahutid ja — immutamine. MÄRKUS Kooskõla dokumendiga ei vabasta kohalikest või riiklikest õigusaktidest tulenevate kohustuste täitmisest.

EVS-EN IEC 60335-1:2023+A11:2023

Majapidamis- ja muud taolised elektriseadmed. Ohutus. Osa 1: Üldnõuded
Household and similar electrical appliances - Safety - Part 1: General requirements (IEC 60335-1:2020 + COR1:2021)

See rahvusvaheline standard käsitleb kodumajapidamises ja sarnasel otstarbel kasutatavate elektriseadmete ohutust, mille tunnuspinge ei ületa 250 V ühefaasiliste seadmete ja 480 V muude seadmete, sealhulgas alalisvoolutoitega (DC) seadmete ja patareitoitega seadmete puhul. Selle standardi kohaldamisalasse kuuluvad ka seadmed, mis ei ole ette nähtud tavapäraseks kasutuseks kodumajapidamises, kuid mis võivad siiski olla avaliku ohu allikaks, näiteks seadmed, mis on mõeldud kasutamiseks võhikutele kauplustes, kergetööstuses ja taludes. See standard käsitleb mõistlikult ettenähtavaid ohte, mida põhjustavad seadmed, millega kõik inimesed võivad kokku puutuda. Kuid üldjuhul ei võta see arvesse: — isikute (sh laste) • füüsilisi, sensoorseid või vaimseid võimeid; • kogemuste ja teadmiste puudumist, mis takistavad neil seadet ilma järelevalve või juhendamiseta ohutult kasutada; — laste mängimist seadmega. Täiendavad nõuded võivad olla vajalikud seadmetele, mis on ette nähtud kasutamiseks sõidukites või laevade või õhusõidukite pardal. Paljudes riikides kehtestavad täiendavaid nõudeid riiklikud tervishoiuasutused, töökaitse eest vastutavad asutused, riiklikud veevarustusasutused ja muud sarnased asutused. See standard ei kehti: — ainult tööstuslikuks otstarbeks mõeldud seadmetele; — seadmete jaoks, mis on ette nähtud kasutamiseks kohtades, kus valitsevad eritingimused, nt söövitav või plahvatusohtlik keskkond (tolm, aur või gaas); — heli-, video- jms elektrooniliste seadmete korral (vt IEC 60065); — meditsiiniliste elektriseadmete korral (vt standardisari IEC 60601); — käeshoitavate mootoriga

elektriliste tööriistade puhul (vt standardisari IEC 60745); — infotehnoloogiaseadmete puhul (vt IEC 60950-1); — teisaldatavate mootoriga elektriliste tööriistade korral (vt standardisari IEC 61029); — audio/video, info- ja sidetehnoloogia seadmete korral (vt IEC 62368-1); — elektrimootoriga käsitööriistade, teisaldatavate tööriistade ning muruhooldus- ja aiamasinate korral (vt standardisari IEC 62841).

EVS-ISO/IEC 27035-1:2024

Infotehnoloogia. Infoturvaintsidentide haldus. Osa 1: Põhimõtted ja protsess
Information technology — Information security incident management — Part 1: Principles and process (ISO/IEC 27035-1, identical)

See dokument on ISO/IEC 27035 sarja standardite alusdokument. Selles esitatakse infoturvaintsidentide haldamise põhitegevuste kontseptsioonid, põhimõtted ja protsessid, mis pakuvad struktureeritud lähenemisviisi, kuidas valmistuda intsidentide avastamiseks, aruandluseks, hindamiseks ja neile reageerimiseks ning saadud kogemuste rakendamiseks. Selles dokumendis antud infoturvaintsidentide haldusprotsessi ja selle põhitegevuste juhendid on üldised ja mõeldud kohaldamiseks kõikidele organisatsioonidele, olenemata nende tüübist, suurusest või olemusest. Organisatsioonid saavad kohandada juhiseid vastavalt oma tüübile, suurusele ja äritegevuse iseloomule seoses infoturvariskidega. See dokument kehtib ka infoturvaintsidentide haldusteenuseid pakkuvate väliste organisatsioonide kohta.

EVS-ISO/IEC 27035-2:2024

Infotehnoloogia. Infoturvaintsidentide haldus. Osa 2: Juhised infoturvaintsidentidele reageerimise kavandamiseks ja ettevalmistusteks
Information technology — Information security incident management — Part 2: Guidelines to plan and prepare for incident response (ISO/IEC 27035-2:2023, identical)

See dokument annab juhised, et kavandada ja ette valmistada intsidentidele reageerimist ning võtta arvesse intsidentidele reageerimise käigus saadud kogemusi. Juhised põhinevad infoturvaintsidentide halduse mudeli etappidel „kavandus ja ettevalmistus“ ja „kogemused“, mis on esitatud standardis ISO/IEC 27035-1:2023 jaotistes 5.2 ja 5.6. Kavanduse ja ettevalmistuse etapi põhipunktid on: — koostada ja dokumenteerida infoturvaintsidentide halduspoliitikad ning kehtestada tippjuhtkonna kohustumus, — uuendada infoturvapoliitika, sealhulgas riskijuhtimisega seotud poliitika nii organisatsiooni kui ka süsteemi, teenuste ja võrgu tasemel, — luua infoturvaintsidendi haldusplaan, — määrata kindlaks intsidendile reageerimise rühm, — luua ja säilitada asjakohaseid suhted ja sidemed sise- ja välisorganisatsioonidega, — tehniline ja muu toetus (sh organisatsiooniline ja käidutugi), — infoturvaintsidentide halduse koolitused ning teadlikkuse tõstmise nõuanded. Kogemustest õppimise etapi põhipunktid on: — parendusvaldkondade tuvastamine, — vajalike parenduste kindlaks tegemine ja rakendamine, — intsidendi reageerimisrühma hindamine. Selles dokumendis antud juhised on üldised ja mõeldud kohaldamiseks kõigile organisatsioonidele, olenemata tüübist, suurusest või olemusest. Organisatsioonid saavad selles dokumendis antud juhiseid kohandada vastavalt organisatsiooni tüübile, suurusele ja äritegevuse iseloomule seoses infoturvariski olukorraga. See dokument kehtib ka infoturvaintsidendi haldusteenuseid pakkuvate väliste organisatsioonide kohta.

STANDARDIPEALKIRJADE MUUTMINE

Selles jaotises avaldame infot Eesti standardite eesti- ja ingliskeelsete pealkirjade muutmise kohta ja ingliskeelsete pealkirjade tõlkimise kohta.
Lisainformatsioon või ettepanekud standardipealkirjade ebatäpsustest enquiry@evs.ee.

UUED EESTIKEELSED PEALKIRJAD

Dokumendi tähis	Ingliskeelne pealkiri	Eestikeelne pealkiri
EVS-EN 10248-1:2023	Hot-rolled steel sheet piles - Part 1: Technical delivery conditions	Legeerimata terasest kuumvaltsitud sulundvaiseinad. Osa 1: Tehnilised tarnetingimused
EVS-EN 15016-1:2023	Railway applications - Technical documents - Part 1: General principles	Raudteealased rakendused. Tehnilised joonised. Osa 1: Üldpõhimõtted
EVS-EN 15016-2:2023	Railway applications - Technical documents - Part 2: Parts lists	Raudteealased rakendused. Tehnilised joonised. Osa 2: Osade loetelud
EVS-EN 15016-3:2023	Railway applications - Technical documents - Part 3: Handling of modifications of technical documents	Raudteealased rakendused. Tehnilised joonised. Osa 3: Tehniliste dokumentide muudatuste käsitlemine
EVS-EN 16941-1:2024	On-site non-potable water systems - Part 1: Systems for the use of rainwater	Lokaalsed tehnilise vee süsteemid. Osa 1: Sademevee kasutussüsteemid

UUED HARMONEERITUD STANDARDID

Toote nõuetele vastavuse seaduse kohaselt avaldab Eesti Standardimis- ja Akrediteerimiskeskus oma veebilehel ja ametlikus väljaandes teavet harmoneeritud standardeid ülevõtvate Eesti standardite kohta.

Harmoneeritud standardiks nimetatakse EL-i õigusaktide kontekstis Euroopa Komisjoni standardimisettepaneku alusel Euroopa standardimisorganisatsioonide koostatud ja vastu võetud standardit.

Harmoneeritud standardite kasutamise korral eeldatakse enamiku vastavate õigusaktide mõistes, et standardi kohaselt valmistatud toode täidab õigusakti olulisi nõudeid ning on üldjuhul kõige lihtsam viis tõendada õigusaktide oluliste nõuete täitmist. Harmoneeritud standardi täpne tähendus ja õiguslik staatus tuleneb siiski iga õigusakti tekstist eraldi ning võib õigusaktist olenevalt erineda.

Lisainfo:
https://ec.europa.eu/growth/single-market/european-standards/harmonised-standards

Eesti Standardimis- ja Akrediteerimiskeskus avaldab ametlikus väljaandes harmoneeritud standardeid ülevõtvate Eesti standardite kohta järgmist infot:

- harmoneeritud standardi staatuse saanud Eesti standardid
- harmoneeritud standardi staatuses olevate Eesti standardite kohta avaldatud märkused ja hoiatused, mida tuleb standardite järgimisel arvestada
- harmoneeritud standardi staatuse kaotanud Eesti standardid

Info esitatakse vastavate õigusaktide kaupa.

Määrus (EL) 2019/945
Mehitamata õhusõidukite süsteemid
Komisjoni rakendusotsus (EL) 2024/2103
(EL Teataja 2024/L 01.08.2024)

Harmoneeritud standardit ülevõtva Eesti standardi tähis ja pealkiri	Kuupäev, millest alates Eesti standardi aluseks olevat Euroopa standardit võib rakendada harmoneeritud standardina	Viide asendatavale Euroopa standardile	Kuupäev, mil asendatava standardi järgimisest tulenev vastavus-eeldus kaotab kehtivuse
EVS-EN 4709-002:2023 Lennunduse ja kosmonautika seeria. Mehitamata õhusõiduki süsteem. Osa 002: Kaugtuvastus Märkus: Harmoneeritud standard EN 4709-002:2023 ei anna alust eeldada vastavust määruse (EL) 2019/945 lisa 2. osa punkti 12 alapunktis b, 3. osa punkti 14 alapunktis b, 4. osa punkti 9 alapunktis b ja 6. osa punktis 3 sätestatud nõuetele, mille kohaselt peab otsese kaugidentimise funktsioon edastama signaale „viisil, mis võimaldab neid edastusvahemikus olevate olemasolevate mobiilseadmetega otse kätte saada“.	01.08.2024		